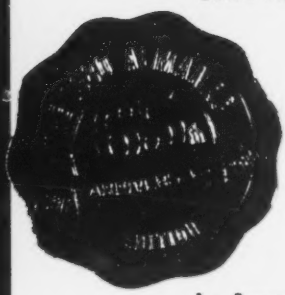
7/9/20 C 4850-1A

THE ALMANAC

OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

BEST AVAILABLE COPY

SIXTY-FIFTH EDITION, PUBLISHED AT WESTMINSTER, MARYLAND



1980

SECTION INDEX

I—Association and FDA Personnel 8
II—Food Law and Regulations 26
III—Labeling and Packaging 80
IV—Emergency Permit Control—Good Mfg. Practice ...156
V—FDA Stds. of Identity, Quality, Fill 205
VI—Quality Grade Standards, U.S.D.A. 316
VII—Raw Product Statistics 472
VIII—Pack Statistics, U.S. 518
IX—Canned Food Prices 582
X—International Trade and World Packs 591
XI—Appendix 609
XII—Buyers Guide, Machinery, Supplies, Services 617
Detailed Index to Contents 665
Index to Advertisers 672

Since 1916— The Industry's Indispensable Reference Manual

THE ALMANAC

OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

1980

65th Annual compilation of Basic References for the Canning, Freezing, Preserving and Allied Industries

•

$24.50 per copy

Copyright 1980 by Edward E. Judge & Sons, Inc.

Compiled and published annually (approximately July 1) by

EDWARD E. JUDGE & SONS, INC.
Seventy-Nine Bond Street
WESTMINSTER, MARYLAND 21157

Tel. 301-876-2052

THE ALMANAC

OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

Section VII

RAW PRODUCT STATISTICS

Source: Crop Reporting Board, Statistical Reporting Service, U.S.D.A.

INDEX TO CONTENTS

PRINCIPAL VEGETABLE CROPS FOR PROCESSING
ACREAGE, YIELD, PRODUCTION, VALUE PER TON, TOTAL VALUE- 474

Beans, Lima 474
Beans, Snap 476
Beets 479
Cabbage (Kraut) 480
Corn, Sweet 481
Cucumbers 484
Peas 486
Spinach 489
Tomatoes 491
Summary, Commodity 494
Summary, State 495

VEGETABLE CROPS FOR PROCESSING & FRESH MARKET 498

Asparagus 498
Broccoli 500
Carrots 502
Cauliflower 504
Mushrooms 506
Sweet Potatoes 505

FRUIT CROPS, UTILIZATION, PRICE, VALUE 507

Apples 508
Apricots 513
Cherries 509
Cranberries 513
Grapefruit 512
Olives 514
Oranges 511
Peaches 514
Pears 515

CANNING SEASONS 613

PRINCIPAL VEGETABLE CROPS FOR PROCESSING

GREEN LIMA BEANS—HARVESTED ACREAGE—1,000 ACRES

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980*
Delaware	16.0	16.2	16.1	15.8	12.1	8.4	9.0	12.6	10.2	8.4
Maryland	2.2	2.3	3.8	4.4	3.2	3.9	2.8	4.0	3.4	(a)
Wisconsin	5.3	6.4	7.4	5.3	11.2	5.0	5.9	6.4	6.9	6.2
Washington	3.6	2.4	2.7	1.8	2.1	(a)	(a)	(a)	(a)	(a)
California	22.9	27.3	28.2	26.6	26.8	15.7	26.9	29.8	28.4	23.0
Other States	21.1	19.9	19.3	19.8	21.5	15.0	15.7	15.3	15.6	18.2
For Freezing	44.3	48.3	49.8	50.3	45.9	25.4	38.2	41.6	38.4	31.7
Baby	31.1	34.0	35.9	36.4	32.2	18.9	28.5	30.8	27.3	22.3
Fordhook	13.2	14.3	14.0	13.9	13.7	6.5	9.8	10.9	11.1	9.4
For Canning	26.8	26.2	27.7	23.4	31.0	22.6	22.1	26.5	26.1	24.1
U.S. PROC	71.1	74.5	77.5	73.7	76.9	48.0	60.3	68.1	64.5	55.8

*PLEASE NOTE: 1980 is not harvested acreage but represents only planting intentions as of March 21, 1980. These estimates are based on reports made by processors prior to planting and represent area contracted or intentions to contract as well as intended area grown by processing firms for their own use. Does not include acreage allowance for open market procurement. Weather conditions and publication of these figures by U.S.D.A. often cause change in plans. Also it should be considered that a number of planted acres are abandoned each year. 1975 harvested acreage was 4.2% less than "intentions"; 1976—4.4% less; 1977—3.4% less; 1978—1.9% less; 1979—7.1% less. n.a.-Not available. (a) Included in "Other States".

GREEN LIMA BEANS—YIELD PER ACRE—POUNDS SHELLED

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Delaware	1,480	1,360	1,660	1,660	1,660	1,660	1,660	1,140	1,760	1,680
Maryland	1,560	1,780	1,520	1,680	1,500	1,680	1,360	1,500	1,620	1,500
Wisconsin	1,940	2,500	1,640	1,860	1,880	2,040	1,840	2,340	1,880	2,120
Washington	2,980	1,600	3,080	3,000	3,880	(a)	(a)	(a)	(a)	(a)
California	3,100	2,960	3,500	3,440	3,480	3,460	3,280	3,220	3,020	3,480
Other States	1,980	2,300	1,880	2,280	1,840	2,180	2,100	2,160	2,260	2,080
For Freezing										
Baby	2,140	2,180	2,420	2,580	2,380	2,580	2,540	2,740	2,680	2,880
Fordhook	3,480	3,160	3,860	3,680	4,000	3,620	3,820	3,220	3,040	3,660
For Canning	1,800	1,940	1,680	1,900	1,560	1,920	1,720	1,760	1,880	1,860
U.S. PROC AV	2,220	2,260	2,440	2,540	2,420	2,500	2,320	2,460	2,420	2,600

(a) Included in "Other States".

GREEN LIMA BEANS—PRODUCTION—1,000 TONS, SHELLED

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Delaware	11.5	10.9	13.5	13.4	13.1	10.1	7.0	5.1	11.1	8.6
Maryland	1.3	2.0	1.8	3.2	3.3	2.7	2.7	2.1	3.3	2.6
Wisconsin	6.4	6.7	5.3	6.9	5.0	11.4	4.6	6.9	6.0	7.3
Washington	5.5	2.9	3.7	4.1	3.5	3.1	(a)	(a)	(a)	(a)
California	31.5	33.9	47.8	48.5	46.3	46.3	25.8	43.2	45.0	49.4
Other States	22.7	24.4	18.7	22.1	18.2	22.6	15.8	16.9	17.3	16.0
For Freezing	55.3	54.8	68.6	71.9	71.2	66.2	36.4	54.7	57.6	59.5
Baby	35.5	33.9	41.2	46.2	43.4	41.4	24.0	39.0	41.1	39.2
Fordhook	19.9	20.9	27.5	25.8	27.8	24.8	12.4	15.7	16.5	20.4
For Canning	23.5	25.9	22.1	26.2	18.3	29.9	19.5	19.5	25.1	24.3
U.S. PROC.	78.8	80.7	90.7	98.1	89.4	96.1	55.8	74.2	82.7	83.8

(a) Included in "Other States".

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

GREEN LIMA BEANS—VALUE PER TON—DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Delaware	173.00	141.00	154.00	171.00	240.00	285.00	197.00	248.00	312.00	273.00
Maryland	140.00	148.00	121.00	179.00	192.00	294.00	271.00	264.00	339.00	353.00
Wisconsin	160.00	155.00	179.00	160.00	239.00	275.00	224.00	246.00	251.00	297.00
Washington	164.00	173.00	176.00	195.00	348.00	(a)	(a)	(a)	(a)	(a)
California	214.00	224.00	247.00	251.00	367.00	349.00	323.00	384.00	395.00	400.00
Other States	162.00	165.00	168.00	171.00	275.00	309.80	288.80	312.60	339.00	345.00
For Freezing										
Baby	186.00	185.00	206.00	215.00	314.00	318.40	286.20	363.30	380.00	367.00
Fordhook	213.00	226.00	254.00	246.00	352.00	359.00	344.40	365.20	396.00	429.00
For Canning	157.00	153.00	153.00	170.00	262.00	294.80	251.00	283.20	302.00	311.00
U.S. PROC AV ..	184.00	185.00	208.00	211.00	315.00	321.50	286.90	342.70	359.00	366.00

(a) Included in "Other States".

GREEN LIMA BEANS—TOTAL VALUE—1,000 DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Delaware	1,981	1,537	2,071	2,283	3,144	2,864	1,379	1,265	3,463	2,340
Maryland	175	289	212	573	634	794	718	554	1,102	900
Wisconsin	1,024	1,031	940	1,104	1,195	3,135	1,030	1,697	1,506	2,171
Washington	902	502	651	790	1,218	1,032	(a)	(a)	(a)	(a)
California	6,730	7,594	11,807	12,174	16,992	16,159	8,317	16,627	17,775	19,768
Other States	3,679	4,007	3,148	3,790	4,996	6,914	4,563	5,283	5,858	5,504
For Freezing	10,808	10,985	15,451	16,260	23,405	22,084	11,125	19,903	22,144	23,133
Baby	6,589	6,282	8,469	9,919	13,623	13,181	6,855	14,170	15,609	14,390
Fordhooks	4,219	4,703	6,982	6,341	9,782	8,903	4,270	5,733	6,535	8,743
For Canning	3,683	3,975	3,378	4,454	4,774	8,814	4,882	5,523	7,560	7,550
T. US PROC	14,491	14,960	18,829	20,714	28,179	30,898	16,007	25,426	29,704	30,683

(a) Included in "Other States".

THE DIRECTORY

OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

Listing

Canners, Freezers, Preservers
Picklers, Mayonnaise & Salad
Dressing Manufacturers

FULLY ZIP-CODED ADDRESS & TELEPHONE NUMBER FOR OFFICES AND FACTORIES • PERSONNEL AND JOB FUNCTION • PRODUCTS BY FACTORY BY PROCESS (Canned, Glassed, Frozen) • BRANDS • PACK VOLUME • CONTAINER SIZES • ASSOCIATION AFFILIATION • DIVISION & SUBSIDIARY RELATIONSHIPS • HARD BOUND

ORDER TODAY FROM

THE CFP DIRECTORY

P.O. Box 550, Westminster, Md. 21157 USA • 301—876-7150

ORDER BY PHONE

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

SNAP BEANS—HARVESTED ACREAGE—1,000 ACRES (Rounded)

	1971	1972	1973	1974	1975	1976	1977	1978	1979	*1980
New York	44.0	45.5	49.3	49.7	48.0	42.6	43.0	50.7	45.6	43.8
Pennsylvania	6.4	6.2	6.8	6.0	6.1	5.3	5.0	4.8	4.7	5.4
Delaware	7.7	8.9	13.4	(a)	(a)	(a)	8.8	10.4	4.9	4.2
Maryland	9.0	12.6	9.4	(a)	(a)	4.6	6.8	6.3	8.6	4.9
EAST†	67.1	73.2	78.9	55.7	54.1	52.5	63.6	72.2	63.8	58.3
Virginia	2.5	3.7	3.3	2.7	2.9	3.5	3.0	4.3	4.0	2.3
North Carolina	1.7	1.7	1.3	(a)	(a)	1.3	1.4	1.5	4.0	2.1
South Carolina	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Florida	(a)	(a)	(a)	(a)	(a)	(a)	10.5	12.0	13.5	7.3
SOUTHEAST†	4.2	5.4	4.6	2.7	2.9	4.8	14.9	17.8	21.5	11.7
Illinois	9.0	9.8	9.9	8.6	9.0	7.7	7.2	9.2	9.5	6.4
Michigan	12.4	14.4	18.3	13.8	13.1	14.0	16.8	16.4	17.3	15.8
Wisconsin	50.1	45.5	55.7	61.0	64.8	69.5	67.2	68.0	79.3	77.5
MID-WEST†	71.5	69.7	83.9	83.4	86.9	91.2	91.2	93.6	106.1	99.7
Arkansas	5.0	5.7	3.2	6.0	4.0	3.6	4.7	3.9	(a)	5.0
Tennessee	11.8	12.8	16.7	12.0	15.2	11.8	13.7	12.0	9.9	7.1
Oklahoma	2.3	2.6	1.4	1.4	2.2	2.3	2.2	.9	(a)	(a)
Texas	3.2	3.5	3.8	5.4	4.5	3.2	(a)	(a)	(a)	(a)
SO. CENTRAL†	22.3	24.6	25.1	24.8	25.9	20.9	20.6	16.8	9.9	12.1
Colorado	1.7	1.7	1.7	1.9	1.7	1.5	1.7	1.4	1.5	.9
Washington	2.7	3.1	3.7	3.4	(a)	(a)	1.6	2.1	2.1	2.3
Oregon	32.0	35.0	42.0	43.6	32.4	29.3	32.5	35.6	38.4	35.5
California	7.5	9.1	8.4	7.0	7.4	4.8	6.0	7.4	7.3	6.1
WEST†	42.2	48.9	55.8	55.9	41.5	35.6	41.8	46.5	49.3	44.8
OTHER STS†	31.2	33.6	43.9	68.6	62.3	32.2	25.5	33.5	34.6	30.9
For Freezing	56.4	61.9	73.8	61.5	50.1	46.3	57.4	69.1	63.9	62.8
For Canning	183.8	193.5	218.4	229.6	223.5	190.8	200.2	211.3	221.3	194.7
PROCESSING	240.2	255.4	292.2	291.1	273.6	237.2	257.6	280.4	285.2	257.5
FRESH MKT	83.6	86.7	85.9	83.0	84.2	85.1	78.3	84.7	83.8	n.a.
TOT. U.S.	323.8	342.1	378.1	374.1	357.8	322.3	335.9	365.0	369.1	n.a.

*PLEASE NOTE: 1980 is not harvested acreage but represents only planting intentions as of March 21, 1980. These estimates are based on reports made by processors prior to planting and represent area contracted or intentions to contract as well as intended area grown by processing firms for their own use. Does not include acreage allowance for open market procurement. Weather conditions and publication of these figures by U.S.D.A. often cause change in plans. Also it should be considered that a number of *planted* acres are abandoned each year. 1973 harvested acreage was 6.2% less than "intentions"; 1974—11.5% less; 1975—10.1% less; 1976—4.0% greater; 1977—1.5% greater; 1978—.7% less; 1979—1.1% greater.

n.a.—Not available. (a) Included in "Other States". †Area totals do not include quantities in "OTHER STATES".

Come see us at the 1981 IEFP February 15-18, San Francisco

SNAP BEANS—YIELD PER ACRE—TONS (Rounded)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
New York	2.1	2.2	1.6	2.2	2.1	2.2	1.7	2.2	2.1	2.3
Pennsylvania	2.0	2.1	1.7	2.5	2.5	1.9	2.3	2.1	2.3	2.1
Delaware	2.5	1.8	2.0	2.0	(a)	(a)	(a)	1.7	2.1	2.5
Maryland	2.2	1.9	1.7	2.0	(a)	(a)	2.0	1.9	2.0	1.8
Virginia	2.1	1.7	1.7	1.9	2.1	1.7	1.6	1.8	1.5	2.0
North Carolina	2.0	1.5	1.5	2.0	(a)	(a)	2.3	1.3	1.3	2.1
South Carolina	2.4	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Florida	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.0	2.0	2.4
Illinois	1.9	1.9	2.2	2.5	1.4	2.4	2.8	2.8	2.6	3.0
Michigan	2.0	2.0	2.5	2.6	2.6	2.3	2.2	2.5	2.1	2.1
Wisconsin	2.3	2.6	2.7	2.5	2.6	2.2	2.5	2.8	2.8	2.7
Arkansas	2.0	1.7	2.3	2.4	2.2	2.6	2.4	1.8	1.9	(a)
Tennessee	2.2	2.0	2.2	1.5	2.5	2.1	2.0	1.9	1.6	1.6
Oklahoma	1.7	1.7	1.7	2.4	1.8	2.3	2.3	1.6	1.5	(a)
Texas	1.9	2.2	2.2	1.8	1.7	2.1	2.6	(a)	(a)	(a)
Colorado	2.7	3.1	3.4	3.0	3.0	3.5	3.3	3.6	3.0	3.5
Washington	3.8	3.1	3.0	3.1	3.1	(a)	(a)	2.6	3.1	4.1
Oregon	4.8	4.1	3.7	4.3	4.2	4.2	4.7	4.3	4.3	4.5
California	2.3	2.6	2.5	2.5	2.3	2.5	2.4	2.6	2.2	1.9
Other States	2.3	2.2	2.4	2.2	2.2	2.1	2.1	2.4	2.3	2.4
For Freezing	2.7	2.5	2.4	2.6	2.6	2.7	2.7	2.7	2.5	2.6
For Canning	2.5	2.5	2.4	2.5	2.6	2.4	2.5	2.6	2.6	2.7
US PROC AV	2.5	2.5	2.4	2.5	2.6	2.4	2.5	2.6	2.6	2.7

(a) Included in "Other States".

SNAP BEANS—PRODUCTION—1,000 TONS (Rounded)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
New York	102.9	96.8	73.7	106.5	102.4	106.0	70.3	96.1	107.9	106.3
Pennsylvania	11.6	13.7	10.3	16.8	15.1	11.5	12.1	10.4	11.0	9.9
Delaware	15.3	14.1	17.8	26.8	(a)	(a)	(a)	14.6	22.2	12.2
Maryland	18.7	17.0	21.4	19.1	(a)	(a)	9.0	12.9	12.6	15.7
EAST†	148.4	141.6	123.2	169.2	117.5	117.5	91.4	133.9	153.6	144.0
Virginia	4.0	4.3	6.1	6.4	5.6	4.8	5.6	5.5	6.6	7.8
North Carolina	3.8	2.6	2.6	2.6	(a)	(a)	3.0	1.9	2.0	8.3
South Carolina	1.0	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Florida	(a)	(a)	(a)	(a)	(a)	(a)	(a)	21.0	24.0	32.9
SOUTHEAST†	8.8	6.8	8.7	9.0	5.6	4.8	8.6	28.3	32.6	49.1
Illinois	16.9	17.3	21.7	24.4	12.2	21.2	21.4	20.2	24.0	28.4
Michigan	20.0	25.1	36.0	46.7	35.6	30.0	30.4	41.3	34.5	36.0
Wisconsin	99.7	129.8	121.5	137.6	155.6	143.2	170.3	185.5	188.4	212.5
MID-WEST†	136.5	172.1	179.0	208.7	203.4	194.4	222.1	246.9	246.8	276.9
Arkansas	11.2	8.4	12.8	7.5	13.0	10.3	8.8	8.5	7.4	(a)
Tennessee	23.9	23.0	28.2	24.9	30.4	31.9	23.4	26.1	19.3	15.9
Oklahoma	3.4	4.0	4.4	3.3	2.6	5.1	5.3	3.6	1.3	(a)
Texas	8.0	6.9	7.7	6.9	9.4	9.5	8.3	(a)	(a)	(a)
SO. CENTRAL†	46.4	42.3	53.0	42.6	55.3	56.8	45.8	38.2	28.0	15.9
Colorado	4.6	5.2	5.9	5.1	5.6	6.0	4.9	6.1	4.2	5.3
Washington	10.9	8.4	9.2	11.6	10.6	(a)	(a)	4.1	6.5	8.7
Oregon	132.2	131.2	129.9	179.4	183.2	137.1	136.3	140.2	152.1	172.4
California	16.6	19.8	22.5	20.9	16.1	18.2	11.3	15.7	16.1	13.9
WEST†	164.3	159.4	161.6	216.9	215.5	161.3	152.5	166.1	178.9	200.4
OTHER STS	65.9	69.4	82.1	95.4	151.2	130.5	70.7	62.2	76.8	82.5
For Freezing	132.5	139.8	151.3	194.2	162.4	134.6	124.1	156.6	173.6	167.4
For Canning	437.7	456.9	462.1	547.5	586.0	530.6	466.6	518.9	543.1	601.4
PROCESSING	570.2	596.7	613.4	741.7	748.4	665.2	590.7	675.5	716.6	768.8
FRESH MKT	156.0	154.8	156.9	151.7	146.0	159.0	156.3	144.2	140.5	142.3
TOT. U.S.	726.2	751.5	770.3	893.4	894.4	824.2	747.0	819.7	857.1	911.0

†Area totals do not include quantities in "OTHER STATES". (a) Included in "OTHER STATES".

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

SNAP BEANS—VALUE PER TON—DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
New York	89.60	87.90	97.30	100.00	143.00	161.00	138.00	149.00	150.00	161.00
Pennsylvania	101.00	98.10	110.00	108.00	160.00	181.00	145.00	162.00	157.00	167.00
Delaware	95.00	73.40	97.90	93.00	(a)	(a)	(a)	168.00	164.00	169.00
Maryland	96.00	76.20	98.80	106.00	(a)	(a)	151.00	171.00	174.00	169.00
Virginia	106.00	111.00	121.00	112.00	163.00	200.00	151.00	179.00	158.00	167.00
North Carolina	90.30	116.00	132.00	146.00	(a)	(a)	177.00	154.00	153.00	161.00
South Carolina	81.20	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Florida	(a)	(a)	(a)	(a)	(a)	(a)	(a)	184.00	165.00	148.00
Illinois	95.90	97.50	90.00	99.10	146.00	151.00	132.00	142.00	146.00	139.00
Michigan	94.70	90.80	96.80	102.00	124.00	129.00	122.00	125.00	148.00	162.00
Wisconsin	79.70	77.50	82.70	86.60	119.00	136.00	134.00	128.00	132.00	137.00
Arkansas	101.00	107.00	108.00	123.00	162.00	144.00	148.00	120.00	103.00	(a)
Tennessee	107.00	106.00	115.00	117.00	153.00	160.00	156.00	166.00	175.00	183.00
Oklahoma	89.20	107.00	111.00	120.00	111.00	177.00	114.00	95.60	94.00	(a)
Texas	96.40	91.40	97.60	118.00	115.00	170.00	155.00	(a)	(a)	(a)
Colorado	92.70	86.10	88.40	89.90	127.00	127.00	133.00	126.00	128.00	126.00
Washington	99.40	99.50	91.60	112.00	191.00	(a)	(a)	136.00	141.00	159.00
Oregon	104.00	103.00	111.00	108.00	207.00	148.00	133.00	152.00	142.00	152.00
California	116.00	122.00	115.00	127.00	195.00	199.00	199.00	186.00	212.00	206.00
Other States	101.00	92.20	105.00	106.00	153.00	166.10	150.10	151.00	149.00	166.00
For Freezing	101.00	99.60	107.00	111.00	180.00	160.60	140.60	154.00	152.00	163.00
For Canning	93.80	90.50	98.10	99.80	151.00	151.70	138.10	143.00	144.00	150.00
US PROC AV	95.60	92.60	100.00	103.00	157.00	153.50	138.60	145.00	146.00	153.00

(a) Included in "Other States."

SNAP BEANS—TOTAL VALUE—1,000 DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
New York	9,215	8,509	7,171	10,650	14,643	17,066	9,701	14,320	16,178	17,106
Pennsylvania	1,172	1,339	1,128	1,809	2,408	2,082	1,747	1,681	1,722	1,657
Delaware	1,449	1,035	1,743	2,492	(a)	(a)	(a)	2,444	3,633	2,062
Maryland	1,790	1,295	2,114	2,025	(a)	(a)	1,359	2,206	2,192	2,645
EAST†	13,626	12,178	12,156	16,976	17,051	19,148	12,807	20,651	23,725	23,470
Virginia	424	472	738	717	913	960	838	975	1,043	1,303
North Carolina	343	296	337	380	(a)	(a)	522	285	306	1,340
South Carolina	77	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Florida	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3,864	3,960	4,875
SOUTHEAST†	844	768	1,075	1,097	913	960	1,360	5,124	5,309	7,518
Illinois	1,616	1,687	1,949	2,413	1,781	3,194	2,825	2,861	3,504	3,949
Michigan	1,894	2,275	3,485	4,758	4,414	3,870	3,709	5,163	5,099	5,829
Wisconsin	7,942	10,056	10,048	11,916	18,510	19,475	22,814	23,738	24,862	29,115
MID-WEST†	11,452	14,018	15,482	19,087	24,705	26,539	29,348	31,762	33,465	38,893
Arkansas	1,126	899	1,382	923	2,106	1,483	1,295	1,014	757	(a)
Tennessee	2,552	2,438	3,237	2,913	4,644	5,104	3,643	4,340	3,378	2,917
Oklahoma	303	423	483	396	283	902	604	344	122	(a)
Texas	771	631	752	814	1,081	1,615	1,279	(a)	(a)	(a)
S. CENTRAL†	4,752	4,391	5,854	5,046	8,114	9,104	6,821	5,698	4,257	2,917
Colorado	426	448	517	454	711	762	652	762	538	668
Washington	1,083	831	838	1,299	2,015	(a)	(a)	558	917	1,383
Oregon	13,744	13,514	14,419	19,370	37,922	20,291	18,121	21,310	21,570	26,208
California	1,926	2,416	2,588	2,654	3,140	3,612	2,250	2,925	3,398	2,872
WEST†	17,179	17,209	18,362	23,777	43,788	24,665	21,023	25,555	26,423	31,131
OTHER STS	6,627	6,700	8,609	10,258	23,083	21,680	10,536	9,380	11,451	13,710
For Freezing	13,423	13,917	16,223	21,591	29,253	21,616	17,443	24,054	26,299	27,290
For Canning	41,057	41,347	45,315	54,650	88,401	80,480	64,452	74,116	78,331	90,349
T. US PROC	54,480	55,264	61,538	76,241	117,654	102,096	81,895	98,170	104,630	117,639

†Area totals do not include values in "OTHER STATES". (a) Included in "OTHER STATES".

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

BEETS—HARVESTED ACREAGE—1,000 ACRES(Rounded)*

	1971	1972	1973	1974	1975	1976	1977	1978	1979	*1980
New York	4.0	3.5	4.2	5.1	4.9	4.7	3.6	5.0	5.0	4.3
Michigan	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Wisconsin	5.8	4.5	6.6	8.1	7.3	6.3	6.9	7.6	8.1	6.7
Texas	1.6	2.1	2.8	1.9	2.9	1.6	(a)	(a)	(a)	(a)
Oregon	1.6	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Other States	.7	2.6	2.8	3.4	3.0	1.9	3.6	4.7	4.3	4.8
PROCESSING...	13.7	12.7	16.4	18.5	18.1	14.5	14.1	17.3	17.4	15.8

*PLEASE NOTE: 1980 is not harvested acreage but represents only planting intentions as of March 21, 1980. These estimates are based on reports made by processors prior to planting and represent area contracted or intentions to contract as well as intended area grown by processing firms for their own use. Does not include acreage allowance for open market procurement. Weather conditions and publication of these figures by U.S.D.A. often cause change in plans. Also it should be considered that a number of *planted* acres are abandoned each year. 1974 harvested acreage was 5.6% less than "intentions"; 1975—9.1% less; 1976—.7% greater; 1977—17.1% less; 1978—.6% greater; 1979—1.2% greater. (a) Included in "Other States".

BEETS—YIELD PER ACRE—TONS(Rounded)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
New York	19.9	18.3	13.8	15.7	16.9	15.5	12.0	14.3	14.5	15.8
Michigan	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Wisconsin	10.4	11.7	14.0	9.2	10.7	12.4	9.3	13.8	12.4	12.9
Texas	8.4	7.0	8.5	7.8	7.4	6.7	6.5	(a)	(a)	(a)
Oregon	17.1	18.3	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Other States	12.3	12.1	14.0	18.7	16.0	15.3	17.0	16.5	11.7	15.3
U.S. PROC. AV. .	13.7	13.9	13.0	12.3	13.0	12.8	10.9	14.6	12.8	14.3

BEETS—PRODUCTION—1,000 TONS(Rounded)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
New York	77.5	73.2	48.2	66.0	86.2	76.1	56.5	51.6	72.5	79.1
Michigan	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Wisconsin	60.5	67.7	63.0	60.6	86.3	90.3	58.4	95.0	94.0	104.2
Texas	15.9	11.3	17.9	21.9	14.0	19.3	10.5	(a)	(a)	(a)
Oregon	35.9	29.3	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Other States	16.0	8.4	35.9	52.4	54.7	45.5	32.1	59.6	55.1	66.5
PROCESSING...	205.7	189.8	164.9	200.9	241.1	231.1	157.4	206.2	221.6	249.7

BEETS—VALUE PER TON—DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
New York	17.70	18.40	21.10	27.00	36.30	38.30	35.30	35.00	40.10	37.30
Michigan	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Wisconsin	21.50	21.50	22.20	26.20	34.20	36.60	35.90	36.60	36.30	40.60
Texas	25.20	25.80	28.60	24.30	30.70	36.60	34.00	(a)	(a)	(a)
Oregon	26.00	26.00	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Other States	23.50	24.70	27.40	30.90	61.80	41.70	50.30	52.00	44.90	52.00
U.S. PROC AV ..	21.30	21.40	23.70	27.50	41.00	38.20	38.50	40.70	39.70	42.60

BEETS—TOTAL VALUE—1,000 DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
New York	1,371	1,347	1,017	1,782	3,129	2,913	1,993	1,806	2,907	2,950
Michigan	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Wisconsin	1,301	1,454	1,399	1,588	2,950	3,305	2,097	3,477	3,412	4,229
Texas	401	290	511	531	430	706	355	(a)	(a)	(a)
Oregon	932	762	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Other States	374	206	983	1,619	3,378	1,894	1,612	3,100	2,474	3,458
T. US PROC	4,379	4,059	3,910	5,520	9,887	8,818	6,057	8,383	8,793	10,637

(a) Included in "Other States".

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

CABBAGE FOR KRAUT—HARVESTED ACREAGE—1,000 ACRES

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Colorado	(a)	(a)	(a)	(a)	(a)	(a)	.1	.1	.1	.1
New York	3.6	3.4	3.4	4.3	4.5	4.0	3.9	4.1	4.0	3.4
Ohio	1.5	1.2	1.2	1.4	1.1	.9	1.0	1.1	1.3	1.2
Wisconsin	4.2	3.6	3.3	3.8	4.2	3.5	4.2	3.5	3.2	3.1
Other States	3.7	3.3	2.9	3.5	4.1	3.3	2.3	1.8	2.0	2.0
FOR KRAUT	13.0	11.5	10.8	13.0	13.9	11.8	11.5	10.5	10.6	9.8
FRESH MKT	96.9	97.1	94.4	97.6	93.5	92.0	87.4	81.2	85.9	82.5
TOT. US	109.9	108.6	105.2	110.6	107.4	103.8	98.8	91.7	96.5	92.3

CABBAGE FOR KRAUT—YIELD PER ACRE—TONS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Colorado	(a)	(a)	(a)	(a)	(a)	(a)	38.0	35.0	22.0	25.5
New York	26.0	24.6	18.8	18.7	23.6	22.6	20.9	22.2	20.5	25.2
Ohio	21.2	24.8	19.7	16.0	23.6	18.6	23.5	24.8	24.9	28.7
Wisconsin	18.4	19.2	18.6	15.2	16.4	20.3	18.2	21.3	18.6	23.5
Other States	17.3	16.1	17.0	16.6	19.6	18.1	20.9	22.5	21.1	21.6
U.S. AVG	20.5	20.5	18.3	16.8	20.2	20.3	20.2	22.3	20.6	24.4

CABBAGE FOR KRAUT—PRODUCTION—1,000 TONS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Colorado	(a)	(a)	(a)	(a)	(a)	(a)	1.9	2.5	2.2	2.6
New York	93.6	83.7	63.9	80.3	106.3	90.3	81.6	91.0	82.0	85.7
Ohio	31.8	29.8	23.7	22.5	26.0	16.7	23.5	27.3	32.4	34.4
Wisconsin	77.1	69.1	61.3	57.6	68.8	71.2	76.6	74.5	59.6	72.8
Other States	63.6	52.5	49.3	58.9	80.4	61.7	48.5	39.6	41.6	43.3
FOR KRAUT	266.1	235.0	198.1	219.2	281.5	239.8	232.1	234.8	217.8	238.7
FRESH MKT	933.5	960.7	930.6	995.3	985.6	1,009.5	948.3	955.6	1,006.3	971.8
TOT. U.S.	1,199.6	1,195.7	1,128.7	1,214.5	1,267.1	1,249.3	1,180.3	1,190.3	1,224.0	1,210.5

CABBAGE FOR KRAUT—VALUE PER TON—DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Colorado	(a)	(a)	(a)	(a)	(a)	(a)	32.10	41.60	27.00	27.00
New York	16.60	15.50	24.40	26.90	30.60	31.80	30.80	29.90	29.90	29.60
Ohio	18.10	18.50	19.40	22.40	33.10	31.10	31.20	30.50	32.70	33.30
Wisconsin	17.40	17.30	19.60	23.80	28.90	27.30	28.80	29.30	30.40	30.60
Other States	19.40	20.40	20.80	23.60	32.60	35.60	35.50	33.60	35.50	36.50
U. S. AVG	17.70	17.50	21.40	24.80	31.00	31.40	31.20	30.50	31.50	31.70

CABBAGE FOR KRAUT—TOTAL VALUE—1,000 DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Colorado	(a)	(a)	(a)	(a)	(a)	(a)	61	102	59	69
New York	1,554	1,297	1,559	2,159	3,253	2,870	2,513	2,719	2,452	2,536
Ohio	576	550	459	503	861	519	733	833	1,059	1,146
Wisconsin	1,342	1,195	1,201	1,370	1,987	1,942	2,205	2,181	1,810	2,228
Other States	1,235	1,069	1,026	1,392	2,619	2,194	1,723	1,331	1,477	1,581
FOR KRAUT	4,707	4,111	4,245	5,424	8,720	7,525	7,235	7,166	6,857	7,560
FRESH MKT	75,822	74,347	74,396	116,944	89,440	106,725	109,630	165,243	168,354	164,793
TOT. U.S.	80,529	78,458	78,641	122,368	98,160	114,250	116,865	172,409	175,211	172,353

(a) - Included in "Other States".

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

SWEET CORN—HARVESTED ACREAGE—1,000 ACRES

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980*
New York	(a)	(a)	15.2	17.9	22.5	21.0	17.0	20.3	20.5	19.1
Pennsylvania	7.2	7.1	6.6	6.9	6.0	5.1	5.0	4.4	3.9	4.3
Delaware	2.1	2.4	2.2	1.7	1.7	1.8	(a)	2.3	3.1	(a)
Maryland	18.3	16.5	14.5	13.9	14.5	13.7	12.9	11.5	10.3	10.8
EAST†	27.6	26.0	38.5	40.4	44.7	41.6	34.9	38.5	37.8	34.2
Illinois	48.0	48.8	54.0	56.7	59.7	52.6	45.9	48.4	44.0	45.5
Wisconsin	117.9	113.5	132.6	118.1	142.0	129.7	130.7	110.8	121.4	124.8
Minnesota	108.1	117.1	102.0	111.1	120.8	116.5	120.0	111.5	98.3	105.7
Iowa	8.7	10.4	8.4	12.1	14.6	10.4	9.2	6.7	5.0	3.4
MIDWEST†	282.7	289.8	297.0	298.0	337.1	309.2	305.8	277.4	268.7	279.4
Idaho	21.8	21.8	26.6	27.2	26.8	23.6	24.5	23.8	23.8	20.7
Washington	30.4	29.2	40.4	41.6	44.4	36.1	36.8	40.7	40.5	39.9
Oregon	35.0	39.2	40.6	41.4	41.3	39.9	40.9	40.2	37.8	34.1
WEST†	87.2	90.2	107.6	110.2	112.5	99.6	102.2	104.7	102.1	94.7
OTHER STS	27.1	23.8	13.0	13.6	14.4	10.6	11.1	9.0	7.9	10.7
For Freezing ..	101.1	114.8	125.9	127.1	127.9	121.1	132.6	131.4	119.7	118.4
For Canning ...	323.5	315.0	330.3	335.0	380.8	339.9	321.4	298.2	296.8	300.7
PROCESSING ...	424.6	429.8	456.1	462.2	508.7	461.0	454.0	429.6	416.5	419.0
FRESH MKT	184.8	182.4	179.8	177.4	177.5	179.5	169.9	169.2	167.5	n.a.
TOT. U.S.	609.4	612.2	635.9	639.6	686.2	640.5	623.9	598.8	584.0	n.a.

*Planting Intentions Only as of March 21, 1980. These estimates are based on reports made by processors prior to planting and represent area contracted or intentions to contract as well as intended area grown by processing firms for their own use. Does not include acreage allowance for open market procurement. 1973 harvested acreage was 8.3% less than "intentions"; 1974—8.3% less; 1975—0.7% less; 1976—2.8% less; 1977—1.6% less; 1978—6.9% less; 1979—8.5% less. †Area totals do not include quantities in "OTHER STATES". (a) Inlcuded in "OTHER STATES". n.a.-Not available.

SWEET CORN—YIELD PER ACRE—TONS IN HUSK

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
New York	(a)	(a)	(a)	(a)	(a)	4.64	3.94	5.68	4.90	5.33
Pennsylvania	3.56	3.67	2.61	3.08	3.57	3.33	3.42	3.34	3.84	2.91
Delaware	3.95	3.60	3.08	3.64	3.60	4.21	3.61	(a)	4.56	5.17
Maryland	3.37	2.86	2.80	3.45	3.37	3.88	3.65	3.53	4.34	4.61
Illinois	3.85	5.21	4.92	4.22	3.58	4.63	4.64	4.91	5.10	5.72
Wisconsin	3.82	4.57	4.54	3.85	3.83	3.65	4.19	4.56	4.55	4.58
Minnesota	4.85	4.75	5.00	5.44	4.19	4.18	4.32	5.40	5.75	5.72
Iowa	4.79	5.05	4.53	5.14	4.33	4.15	3.99	5.04	5.37	5.40
Idaho	6.02	5.59	6.18	5.32	5.62	6.01	6.90	5.77	6.63	7.95
Washington	5.73	5.23	5.28	5.97	5.89	6.97	6.26	6.05	7.71	7.87
Oregon	7.08	6.40	7.01	7.36	7.23	7.73	7.84	7.38	7.96	8.53
Other States	4.03	4.31	4.02	3.34	3.86	3.91	3.97	3.26	4.23	4.55
For Freezing ..	5.28	5.07	5.29	5.50	5.37	5.85	5.60	6.00	6.55	6.96
For Canning ...	4.36	4.76	4.80	4.54	4.14	4.32	4.58	4.92	5.28	5.44
U.S. PROC. AV ..	4.56	4.84	4.93	4.80	4.48	4.70	4.84	5.23	5.67	5.88

(a) Included in "Other States".

SWEET CORN—PRODUCTION—1,000 TONS IN HUSK

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
New York	(a)	(a)	(a)	45.6	74.3	104.4	82.8	96.5	99.5	109.3
Pennsylvania	25.3	26.4	18.5	20.3	24.7	20.0	17.5	16.7	16.9	11.4
Delaware	11.5	7.6	7.4	8.0	6.1	7.2	6.5	(a)	10.5	16.0
Maryland	66.4	52.4	46.2	50.1	46.9	56.3	50.0	45.6	49.9	47.5
EAST†	103.2	86.4	72.1	124.0	151.9	187.8	156.8	158.8	176.8	184.1
Illinois	174.4	250.1	240.1	227.9	203.0	276.4	244.3	225.4	246.9	251.7
Wisconsin	449.3	538.8	515.3	510.5	452.3	517.7	543.9	596.0	504.2	556.0
Minnesota	513.6	513.5	585.5	554.9	465.5	504.5	503.2	648.0	641.1	562.0
Iowa	45.1	44.0	47.1	43.2	52.4	60.7	41.5	46.4	36.0	27.0
MID-WEST†	1,182.3	1,346.4	1,388.0	1,336.5	1,173.2	1,359.3	1,332.8	1,515.8	1,428.1	1,397.0
Idaho	122.8	121.9	134.7	141.5	152.9	161.1	162.9	141.3	157.9	189.2
Washington	155.3	159.0	154.2	241.2	245.0	309.5	226.0	222.7	313.8	318.7
Oregon	208.9	224.0	274.8	298.8	299.4	319.2	312.8	301.7	320.0	322.4
WEST†	487.0	504.9	563.7	681.5	697.3	789.8	701.7	665.7	791.7	830.4
OTHER STS†	115.8	116.7	95.7	48.5	47.1	56.4	42.1	36.1	38.1	36.2
For Freezing	481.5	513.2	607.8	692.2	683.1	748.8	677.7	796.0	860.2	833.4
For Canning	1,406.7	1,541.1	1,511.8	1,498.3	1,386.4	1,644.3	1,555.4	1,580.3	1,574.6	1,614.2
PROCESSING	1,888.2	2,054.2	2,119.5	2,190.5	2,069.5	2,393.1	2,233.1	2,376.2	2,434.7	2,447.6
FRESH MKT	655.1	632.7	664.2	700.4	680.5	704.1	718.5	694.5	6,675	660.7
TOT. U.S.	2,543.3	2,686.9	2,783.7	2,890.9	2,750.0	3,097.2	2,951.6	3,070.7	3,102.2	3,108.3

SWEET CORN—VALUE PER TON—DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
New York	(a)	(a)	(a)	(a)	53.60	70.60	45.40	45.70	45.00	47.00
Pennsylvania	25.50	27.40	29.20	31.70	54.10	58.60	50.50	49.40	42.80	43.30
Delaware	23.80	26.20	26.70	28.80	49.50	74.50	51.00	(a)	75.50	67.30
Maryland	24.30	25.40	27.10	30.50	51.40	72.40	52.80	57.90	61.30	57.00
Illinois	27.00	27.20	29.40	34.30	54.30	54.60	50.50	52.80	51.00	51.90
Wisconsin	23.70	22.80	25.60	24.40	42.00	41.40	40.20	42.30	41.40	41.70
Minnesota	20.20	20.20	20.90	24.20	45.10	46.70	43.80	46.00	45.40	46.70
Iowa	20.80	22.30	19.90	23.90	37.70	45.60	48.20	45.80	45.90	48.50
Idaho	25.90	25.80	26.50	28.10	55.90	57.80	51.20	48.70	55.50	52.90
Washington	27.10	26.70	30.70	38.70	75.40	64.00	59.50	56.80	59.10	66.50
Oregon	27.50	28.90	29.90	39.40	73.70	61.70	57.30	64.40	58.60	59.60
Other States	24.20	27.60	29.50	31.30	51.00	60.70	51.10	55.70	55.70	53.00
For Freezing	25.80	25.90	27.90	34.90	66.70	62.70	54.70	56.80	55.40	58.80
For Canning	23.30	23.70	25.00	27.40	48.20	49.40	45.40	46.00	46.80	47.40
US PROC AV	23.90	24.20	25.80	29.80	54.30	53.60	48.20	49.60	49.90	51.30

†Area totals do not include quantities in "OTHER STATES". (a) Included in "OTHER STATES".

SWEET CORN—TOTAL VALUE—1,000 DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
New York	(a)	(a)	(a)	1,623	3,982	7,371	3,757	4,408	4,478	5,135
Pennsylvania	645	723	540	643	1,334	1,172	882	825	723	491
Delaware	273	198	198	230	302	533	332	(a)	793	1,079
Maryland	1,614	1,330	1,252	1,527	2,408	4,073	2,634	2,637	3,059	2,706
EAST†	2,532	2,251	1,990	4,023	8,026	13,149	7,611	7,870	9,053	9,411
Illinois	4,709	6,803	7,059	7,817	11,023	15,091	12,335	11,898	12,589	13,062
Wisconsin	10,647	12,285	13,192	12,456	18,997	21,433	21,863	25,211	20,872	23,185
Minnesota	10,375	10,373	12,237	13,429	20,994	23,560	22,040	29,808	29,106	26,258
Iowa	937	980	937	1,033	1,975	2,766	1,998	2,125	1,652	1,310
MID-WEST†	26,668	30,441	33,425	34,735	52,989	62,850	58,236	69,042	64,219	63,815
Idaho	3,181	3,144	3,570	3,976	8,544	9,309	8,338	6,882	8,763	10,009
Washington	4,209	4,245	4,734	9,334	18,473	19,805	13,447	12,647	18,546	21,196
Oregon	5,743	6,474	8,217	11,773	22,066	19,695	17,921	19,429	18,740	19,217
WEST†	13,133	13,863	16,521	25,083	49,083	48,809	39,706	38,958	46,049	50,422
OTHER STS†	2,801	3,226	2,818	1,322	2,208	3,419	2,150	2,009	2,124	1,915
For Freezing	12,418	13,283	16,926	24,177	45,542	46,965	37,084	45,225	47,692	48,996
For Canning	32,716	36,498	37,828	40,986	66,764	81,262	70,619	72,654	73,753	76,567
T. US PROC	45,134	49,781	54,754	65,163	112,306	128,227	107,703	117,879	121,445	125,563

†Area totals do not include values in "OTHER STATES". (a) Included in "OTHER STATES".

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

CUCUMBERS FOR PICKLES—HARVESTED ACREAGE—1,000 ACRES

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980*
Indiana	2.0	1.1	1.9	2.0	2.8	1.4	1.4	2.0	(a)	(a)
Michigan	24.5	26.0	26.4	27.4	27.6	25.5	24.5	26.5	25.5	21.5
New Jersey	(a)	(a)	(a)	2.4	2.8	1.8	1.4	1.6	1.4	1.0
Ohio	6.0	5.5	6.2	6.8	6.9	6.2	6.4	6.4	6.4	6.4
Wisconsin	8.2	9.0	10.4	11.4	10.2	10.1	9.4	11.1	10.3	9.2
NORTHERN†	40.7	41.6	44.9	50.0	50.3	45.0	43.1	46.6	43.6	38.1
Alabama	(a)	(a)	(a)	(a)	(a)	4.3	3.8	5.6	(a)	(a)
Del.-Md.[1]	2.9	3.6	2.4	2.6	3.5	3.6	4.2	4.1	4.7	5.1
Mississippi	9.4	8.0	7.1	6.9	4.8	5.0	3.6	(a)	(a)	(a)
N. Carolina	27.3	27.0	27.5	28.8	29.5	27.7	28.0	29.5	28.5	20.5
S. Carolina	9.6	10.4	8.7	8.3	9.2	7.7	8.7	9.7	10.9	10.1
Texas	4.7	4.3	4.9	5.7	7.1	6.0	5.4	7.0	8.3	7.2
Virginia	2.8	3.7	3.8	4.6	3.9	2.7	2.8	3.6	2.3	1.3
SOUTHERN†	56.7	57.0	54.4	56.9	58.0	57.0	56.5	59.5	54.7	44.1
California	6.1	5.6	5.4	3.9	5.5	4.8	4.3	3.9	4.4	4.1
Colorado	2.5	2.6	2.2	2.5	2.4	2.4	1.6	2.2	2.2	2.1
Washington	1.3	1.4	1.1	1.6	1.8	1.7	1.8	1.8	1.4	1.6
WESTERN†	9.9	9.6	8.7	8.0	9.7	8.9	7.7	7.9	8.0	7.8
OTHER STATES	20.3	20.7	17.9	17.1	22.2	17.5	16.5	20.5	25.5	17.9
PROCESSING	127.6	128.8	125.9	132.0	140.2	128.4	123.8	134.4	131.8	107.9
FRESH MKT	46.6	49.0	43.9	45.7	47.5	49.1	51.9	53.8	50.7	n.a.
TOT U.S.	174.2	177.8	169.8	177.7	187.7	177.5	175.7	188.2	182.5	n.a.

[1]Maryland only 1973 thru 1976. (a) Included in "OTHER STATES". †Area totals do not include quantities in "OTHER STATES". n.a.-Not available. *Planting intentions only as of March 15, 1980. These estimates are based on reports made by processors prior to planting and represent area contracted or intentions to contract as well as intended area grown by processing firms for their own use. Does not include acreage allowance for open market procurement. Weather conditions and publication of these figures often cause change in plans. 1974 harvested acreage was 1.4% less than "intentions"; 1975—2.1% greater; 1976—6.7% greater; 1977—10.9% greater; 1978—15.7% greater; 1979—4.0% greater.

CUCUMBERS FOR PICKLES—YIELD PER ACRE—TONS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Indiana	6.30	7.20	7.90	6.50	4.90	5.10	8.20	6.96	9.68	n.a.
Michigan	4.48	3.38	3.76	4.07	4.23	4.68	4.05	4.65	4.75	4.62
New Jersey	n.a.	n.a.	n.a.	n.a.	9.06	7.16	8.58	9.43	9.19	6.86
Ohio	7.42	7.63	9.42	7.33	7.69	9.03	10.81	11.12	10.58	12.53
Wisconsin	4.26	5.04	4.77	4.91	3.91	4.25	4.41	6.23	5.50	6.21
Alabama	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	4.60	1.75	1.33	n.a.
Del.-Md.[1]	7.89	7.64	5.19	6.96	6.08	7.90	5.50	6.17	7.04	7.39
Mississippi	3.14	2.31	2.63	2.38	2.43	2.85	2.40	1.7	n.a.	n.a.
N. Carolina	2.50	3.05	2.50	3.09	2.40	2.71	2.82	2.60	2.62	2.81
S. Carolina	2.76	2.82	2.94	3.08	2.50	2.98	2.47	2.87	3.06	2.46
Texas	5.20	5.52	6.93	5.73	5.14	4.54	6.31	7.15	7.94	4.42
Virginia	2.96	3.43	2.95	4.50	3.76	5.28	5.15	3.07	5.61	4.89
California	10.60	10.02	12.05	12.04	15.42	12.52	14.80	14.37	15.80	15.64
Colorado	8.43	8.32	6.40	7.30	9.40	7.40	9.19	10.78	7.95	8.34
Washington	9.13	8.45	10.00	9.50	10.09	10.28	10.85	10.08	10.03	12.68
U.S. PROC. AV	4.41	4.41	4.43	4.76	4.52	4.81	4.94	5.04	5.10	5.11

[1]Maryland only 1973 thru 1976. n.a.-Not available.

CUCUMBERS FOR PICKLES—PRODUCTION—1,000 TONS (Rounded)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Indiana	16.4	14.4	8.7	12.4	9.8	14.3	11.5	9.8	9.2	(a)
Michigan	104.0	82.8	97.8	107.5	115.9	129.2	103.3	114.0	126.0	117.8
New Jersey	(a)	(a)	(a)	(a)	21.8	20.1	15.5	13.2	14.7	9.6
Ohio	46.0	45.8	51.8	45.5	52.3	62.3	67.0	71.2	67.7	80.2
Wisconsin	49.0	41.4	43.0	51.1	44.6	43.4	44.5	58.6	61.1	64.0
NORTHERN	215.4	184.4	201.3	216.3	244.3	269.2	241.8	266.8	278.7	271.6
Alabama	(a)	(a)	(a)	(a)	(a)	(a)	19.8	6.7	7.5	(a)
Del.-Md.[1]	25.3	22.2	18.7	16.7	15.8	27.7	19.8	25.9	28.9	34.7
Mississippi	33.3	21.7	21.0	16.9	16.8	13.7	12.0	6.1	(a)	(a)
N. Carolina	69.3	83.3	67.5	85.0	69.1	79.8	78.1	72.9	77.3	80.1
S. Carolina	27.3	27.1	30.6	26.8	20.8	27.5	19.1	25.0	29.7	26.8
Texas	22.4	26.0	29.8	28.1	29.3	32.2	37.9	38.6	55.6	36.7
Virginia	8.3	9.6	10.9	17.1	17.3	20.6	13.9	8.6	20.2	11.3
SOUTHERN	185.8	189.7	178.5	190.6	169.1	201.4	200.5	183.8	219.1	189.6
California	54.1	61.1	67.5	65.0	60.2	68.9	71.1	61.8	61.6	68.8
Colorado	19.4	20.8	16.7	16.1	23.5	17.8	22.1	17.3	17.5	18.4
Washington	13.7	11.0	14.0	10.5	16.2	18.5	18.5	18.2	18.1	17.8
WESTERN	87.2	92.9	98.2	91.5	99.8	105.1	111.6	97.2	97.2	104.9
OTHER STATES	100.6	96.2	93.3	100.4	83.9	98.6	80.0	76.2	90.6	106.9
PROCESSING	588.8	563.1	571.2	598.8	597.0	674.3	633.8	623.9	685.5	672.9
FRESH MKT	223.9	216.3	235.1	210.3	233.8	242.0	253.9	280.8	294.3	290.9
TOT. U.S.	812.7	779.4	806.3	809.1	830.8	916.3	887.7	904.7	979.8	963.8

[1]Maryland only 1973 thru 1976. (a)-Included in "OTHER STATES".

CUCUMBERS FOR PICKLES—VALUE PER TON—DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Indiana	108.00	95.00	80.00	80.00	122.00	112.00	104.00	108.00	142.00	n.a.
Michigan	99.60	92.00	85.80	88.20	125.00	124.00	112.00	109.00	120.00	132.00
New Jersey	n.a.	n.a.	n.a.	n.a.	152.00	138.00	135.00	132.00	157.00	154.00
Ohio	99.60	114.00	108.00	102.00	158.00	148.00	145.00	132.00	132.00	150.00
Wisconsin	121.00	112.00	90.00	102.00	128.00	122.00	117.00	127.00	106.00	146.00
Alabama	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	118.00	163.00	114.00	n.a.
Del.-Md.[1]	63.50	67.60	85.10	89.70	122.00	118.00	113.00	109.50	114.00	116.00
Mississippi	95.50	95.90	111.00	114.00	156.00	150.00	111.00	143.00	n.a.	n.a.
N. Carolina	94.90	95.40	117.00	105.00	138.00	133.00	139.00	132.00	128.00	156.00
S. Carolina	79.20	77.90	85.60	87.60	115.00	117.00	135.00	141.00	156.00	158.00
Texas	86.60	103.00	76.90	106.00	123.00	144.00	129.00	139.00	130.00	173.00
Virginia	63.60	58.90	64.60	99.40	131.00	130.00	124.00	119.00	123.00	120.00
California	86.30	94.50	93.10	93.40	124.00	127.00	126.00	120.00	137.00	147.00
Colorado	76.80	70.70	91.50	112.00	100.00	93.60	78.50	108.00	131.00	105.00
Washington	94.00	82.00	85.00	99.60	112.00	130.00	128.00	126.00	133.00	135.00
U.S. PROC. AV	94.10	93.20	94.00	99.30	131.00	128.60	126.00	126.00	130.00	145.00

[1]Maryland only 1973 thru 1976. n.a.-Not available.

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

CUCUMBERS FOR PICKLES—TOTAL VALUE—1,000 DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Indiana	1,771	1,368	696	988	1,196	1,602	1,196	1,053	1,306	(a)
Michigan	10,353	7,618	8,391	9,477	14,488	16,021	11,570	12,426	15,120	15,551
New Jersey	(a)	(a)	(a)	(a)	3,306	2,767	2,086	1,742	2,308	1,478
Ohio	4,582	5,221	5,594	4,636	8,263	9,238	9,715	9,398	8,936	12,030
Wisconsin	5,929	4,631	3,866	5,207	5,702	5,289	5,207	7,436	6,471	9,340
NORTHERN†	22,635	18,838	18,547	20,308	32,955	34,917	29,774	32,055	34,141	38,399
Alabama	(a)	(a)	(a)	(a)	(a)	(a)	2,350	1,084	849	(a)
Del.-Md.[1]	1,603	1,497	1,591	1,498	1,928	3,263	2,237	2,836	3,285	4,038
Mississippi	3,180	2,081	2,331	1,927	2,621	2,055	1,332	872	(a)	(a)
N. Carolina	6,572	7,942	7,898	8,925	9,536	10,613	10,856	9,623	9,894	12,494
S. Carolina	2,162	2,107	2,619	2,348	2,386	3,208	2,581	3,510	4,615	4,236
Texas	1,936	2,673	2,292	2,979	3,604	4,637	4,883	5,382	7,228	6,347
Virginia	528	565	704	1,700	2,266	2,672	1,729	1,023	2,485	1,350
SOUTHERN†	15,981	16,865	17,435	19,377	22,341	26,448	25,968	24,330	28,356	28,465
California	4,665	5,774	6,284	6,071	7,459	8,744	8,958	7,425	8,439	10,117
Colorado	1,490	1,471	1,523	1,798	2,350	1,661	1,731	1,863	2,293	1,927
Washington	1,288	902	1,190	1,041	1,809	2,405	2,362	2,287	2,401	2,396
WESTERN†	7,443	8,147	8,997	8,910	11,618	12,810	13,051	11,575	13,133	14,440
OTHER STATES	9,332	8,611	8,681	10,853	11,040	12,555	10,958	10,691	13,184	16,415
PROCESSING	55,391	52,461	53,660	59,448	77,954	86,730	79,751	78,651	88,814	97,719

[1]Maryland only 1973 thru 1976. (a)-Included in "OTHER STATES". †Area totals do not include quantities in "OTHER STATES".

PEAS, GREEN—HARVESTED ACREAGE—1,000 ACRES (Rounded)

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980*
Delaware	7.6	8.3	8.8	11.9	10.9	9.0	8.7	8.5	8.4	9.1
Maryland	6.6	5.9	6.5	6.0	5.7	6.3	5.4	6.0	9.2	(a)
New York	(a)	(a)	6.3	6.8	6.4	4.1	5.2	5.7	6.2	6.0
EAST†	14.2	14.2	21.6	24.7	23.0	19.4	19.3	20.2	23.8	15.1
Michigan	(a)	2.9	3.2	3.8	3.8	(a)	4.9	4.3	(a)	(a)
Minnesota	63.9	66.4	74.4	69.5	70.8	72.3	65.6	67.9	73.0	74.9
Wisconsin	125.1	122.2	123.2	129.8	133.1	117.2	107.5	97.0	109.6	113.4
MID-WEST†	189.0	191.5	200.8	203.1	207.7	189.5	178.0	169.2	182.6	188.3
California	8.0	8.0	8.5	11.9	10.8	8.0	7.1	9.2	8.2	6.8
Colorado	(a)	.4	.3	.5	.3	.4	.4	.3	.4	(a)
Idaho	15.5	17.3	23.9	12.0	13.5	16.5	7.5	8.0	(a)	(a)
Oregon	39.5	44.8	50.6	43.0	49.1	35.9	27.7	36.9	42.0	35.1
Washington	60.5	64.8	76.2	80.4	84.6	74.6	69.0	75.0	80.2	72.8
WEST†	123.5	135.3	159.5	147.8	158.3	135.4	111.7	129.4	130.8	114.7
OTHER STATES	59.5	39.7	41.9	46.1	48.6	48.7	41.5	36.7	52.1	49.2
For Freezing	128.0	132.8	156.4	151.7	150.6	131.4	129.6	138.6	153.1	137.0
For Canning	258.3	247.9	267.4	270.0	287.0	261.7	220.9	216.9	236.2	230.3
T. U.S. PROC	386.2	380.7	423.8	421.7	437.7	393.0	350.5	355.4	389.3	367.3

(a) Included in "OTHER STATES". †Area totals do not include quantities in "OTHER STATES". *Planting intentions only as of March 21, 1980. These estimates are based on reports made by processors prior to planting and represent area contracted or intentions to contract as well as intended area grown by processing firms for their own use. Does not include acreage allowance for open market procurement. Weather conditions and publication of these figures often cause changes in plans. 1972 harvested acreage was 8.1% less than "intentions"; 1973—7.4% less; 1974—14.1% less; 1975—8.7% less; 1976—4.0% less; 1977—7.4% less; 1978—10.1% less; 1979—7.9% less.

PEAS, GREEN—YIELD PER ACRE—POUNDS SHELLED

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Delaware	3,720	2,900	3,020	2,380	3,040	2,440	2,640	2,740	2,500	2,480
Maryland	2,840	2,800	2,640	2,320	2,900	2,420	2,580	2,840	2,960	3,440
New York	n.a.	n.a.	n.a.	3,120	3,060	2,760	2,860	2,760	2,840	3,360
Michigan	n.a.	n.a.	3,060	2,400	2,680	n.a.	n.a.	2,740	2,460	n.a.
Minnesota	2,160	2,240	2,500	2,680	2,340	2,240	2,260	3,060	2,440	3,060
Wisconsin	2,320	2,340	2,680	1,980	2,660	2,420	2,040	2,720	2,240	3,240
California	3,820	3,300	3,420	3,680	3,620	4,120	2,780	3,260	2,180	3,840
Colorado	n.a.	n.a.	3,420	2,180	1,880	3,240	2,360	2,620	2,900	2,640
Idaho	2,180	2,500	2,100	1,680	2,280	2,260	2,380	1,540	3,960	n.a.
Oregon	1,940	2,880	2,440	1,480	2,460	2,240	2,560	1,660	2,460	2,140
Washington	3,260	3,720	3,140	3,360	3,220	3,220	3,460	3,080	3,160	3,440
For Freezing	2,800	3,080	2,840	2,720	3,060	2,960	3,020	2,960	2,980	3,140
For Canning	2,380	2,560	2,640	2,200	2,520	2,420	2,420	2,700	2,340	3,120
U.S. PROC. AV.	2,520	2,740	2,720	2,400	2,720	2,600	2,620	2,800	2,600	3,120

n.a.-Not available.

PEAS, GREEN—PRODUCTION—1,000 TONS SHELLED

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Delaware	10.8	11.0	12.6	10.5	18.1	13.3	11.9	12.0	10.7	10.4
Maryland	10.1	9.3	7.8	7.6	8.7	6.9	8.1	7.7	8.9	15.8
New York	(a)	(a)	(a)	9.8	10.4	8.8	5.9	7.2	8.1	10.4
EAST†	20.9	20.3	20.4	27.8	37.2	29.0	25.9	26.9	27.6	36.7
Michigan	(a)	(a)	4.5	3.9	5.1	5.7	(a)	6.7	5.3	(a)
Minnesota	71.5	71.6	83.0	99.7	81.3	79.6	82.0	100.4	82.9	111.7
Wisconsin	137.6	146.4	163.8	122.0	172.7	161.2	119.6	146.2	108.7	177.6
MID-WEST†	209.1	217.9	251.3	225.5	259.1	246.5	201.6	253.3	196.8	289.2
California	13.2	13.2	13.7	15.7	21.6	22.2	11.2	11.6	10.1	15.7
Colorado	(a)	(a)	.7	.4	.5	.6	.5	.6	.5	.5
Idaho	15.0	19.4	18.2	20.1	13.7	15.2	19.7	5.8	15.8	(a)
Oregon	42.4	56.9	54.7	37.5	52.9	55.0	46.0	23.0	45.4	44.9
Washington	108.9	112.6	101.8	128.0	129.5	136.2	129.1	106.3	118.5	137.9
WEST†	179.5	202.1	189.1	201.7	218.2	229.2	206.5	147.2	190.2	199.1
OTHER STATES	80.1	87.5	55.1	52.8	58.8	66.1	79.4	61.7	46.5	82.5
For Freezing	189.7	197.4	188.1	212.5	232.1	222.5	197.7	191.7	206.7	239.9
For Canning	299.9	330.3	328.0	295.2	341.1	348.3	315.5	297.3	254.4	367.6
T. U.S. PROC.	489.6	527.7	516.1	507.7	573.2	570.8	513.2	489.0	461.1	607.5

(a) Included in "OTHER STATES". †Area totals do not include quantities in "OTHER STATES".

PEAS, GREEN—VALUE PER TON—DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Delaware	109.00	108.00	97.10	117.00	183.00	235.00	206.00	231.00	224.00	213.00
Maryland	109.00	117.00	119.00	129.00	167.00	256.00	219.00	230.00	225.00	181.00
New York	n.a.	n.a.	n.a.	110.00	205.00	218.00	265.00	248.00	250.00	249.00
Michigan	n.a.	n.a.	104.00	119.00	154.00	161.00	n.a.	181.00	198.00	n.a.
Minnesota	110.00	115.00	117.00	113.00	217.00	234.00	191.00	201.00	218.00	220.00
Wisconsin	110.00	108.00	112.00	120.00	174.00	211.00	196.00	204.00	202.00	197.00
California	119.00	126.00	121.00	123.00	164.00	184.00	196.00	179.00	208.00	250.00
Colorado	n.a.	n.a.	98.70	129.00	234.00	242.00	263.00	271.00	270.00	270.00
Idaho	91.90	97.00	108.00	110.00	234.00	236.00	207.00	236.00	219.00	n.a.
Oregon	99.90	93.80	98.00	119.00	203.00	205.00	178.00	194.00	150.00	169.00
Washington	107.00	103.00	114.00	123.00	210.00	216.00	200.00	202.00	204.00	222.00
For Freezing	109.00	105.00	111.00	122.00	206.00	214.10	190.50	202.00	200.00	218.00
For Canning	109.00	109.00	113.00	117.00	189.00	221.00	203.90	208.00	210.00	206.00
U.S. PROC. AV	109.00	107.00	112.00	119.00	196.00	218.30	198.70	206.00	206.00	211.00

n.a.- Not available.

PEAS, GREEN—TOTAL VALUE—1,000 DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Delaware	1,177	1,188	1,219	1,223	3,312	3,126	2,451	2,760	2,386	2,219
Maryland	1,101	1,082	928	974	1,453	1,766	1,774	1,760	1,991	2,863
New York	(a)	(a)	(a)	1,078	2,132	1,918	1,550	1,786	2,025	2,595
EAST†	2,278	2,270	2,147	3,275	6,897	6,810	5,775	6,306	6,402	7,677
Michigan	(a)	(a)	463	458	785	(a)	(a)	1,210	1,049	(a)
Minnesota	7,865	8,228	9,711	11,266	17,642	18,626	15,662	20,180	18,061	24,572
Wisconsin	15,136	15,806	18,340	14,634	30,041	34,013	23,442	29,825	21,947	34,977
MID-WEST†	23,001	24,034	28,514	26,358	48,468	52,639	39,104	51,215	41,057	59,549
California	1,571	1,663	1,658	1,925	3,534	4,085	2,185	2,076	2,090	3,935
Colorado	(a)	(a)	69	45	117	133	118	149	122	135
Idaho	1,374	1,882	1,960	2,211	3,206	3,587	4,068	1,357	3,460	(a)
Oregon	4,236	5,337	5,356	4,457	10,739	11,275	8,188	4,462	6,810	7,595
Washington	11,652	11,593	11,600	15,744	27,185	29,419	25,820	21,442	24,174	30,623
WEST†	18,833	20,475	20,643	24,382	44,781	48,499	40,379	29,486	36,656	42,288
OTHER STATES	9,199	9,897	6,664	6,515	12,020	16,656	16,724	13,526	10,738	18,534
For Freezing	20,605	20,756	20,832	25,851	47,848	47,634	37,662	38,721	41,327	52,235
For Canning	32,706	35,920	37,136	34,679	64,318	76,970	64,320	61,812	53,526	75,813
T. U.S. PROC.	53,311	56,676	57,968	60,530	112,166	124,604	101,982	100,533	94,853	128,048

(a)-Included in "OTHER STATES". †Area totals do not include quantities in "OTHER STATES".

SPINACH—HARVESTED ACREAGE—1,000 ACRES (Rounded)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
California*	7.8	8.8	9.6	9.4	9.8	8.4	9.7	9.0	8.0	10.4
Other States	4.4	4.8	3.9	4.6	5.9	8.1	6.3	4.0	4.9	3.8
WINTER TOT	12.2	13.6	13.5	14.0	15.7	16.5	16.0	13.0	12.9	14.2
Arkansas	2.0	2.1	3.0	2.5	1.6	1.4	1.3	2.1	1.4	(a)
New York	.5	.5	.3	.2	.4	(a)	(a)	(a)	(a)	.....
Oklahoma	2.8	2.2	2.0	1.8	1.5	1.3	1.7	1.8	1.7	(a)
Other States	2.7	2.8	2.2	2.6	3.1	1.7	1.4	2.3	1.4	3.9
SPRING TOT	8.0	7.6	7.5	7.0	6.6	4.4	4.4	6.2	4.5	3.9
Arkansas	1.2	1.2	1.6	.9	.1	.6	.4	.2	.4	(a)
Oklahoma	1.3	1.0	1.2	1.1	.3	.3	.3	.2	.4	(a)
Other States	2.4	2.1	3.0	3.9	2.3	1.6	1.1	1.0	1.8	2.7
FALL TOT	4.9	4.3	5.8	5.9	2.8	2.5	1.7	1.5	2.6	2.7
For Freezing	11.9	11.8	12.8	13.4	14.0	8.8	9.4	10.2	9.3	12.7
For Canning	13.2	13.6	14.0	13.5	11.1	14.6	12.8	10.4	10.7	8.1
PROCESSING	25.1	25.4	26.8	26.9	25.1	23.3	22.2	20.6	20.0	20.8
FRESH MKT	11.7	11.4	10.1	10.7	9.7	9.0	9.0	9.9	10.7	13.5
TOT. U.S.	36.8	36.8	36.9	37.6	34.8	32.3	31.2	30.5	30.7	34.3

*Winter contract acreage for harvest, as of March 21, 1980 — California 9,000; other states 3,800. Late Spring figures not available at press time. (a) Included with "Other States".

SPINACH—YIELD PER ACRE—TONS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
California	9.3	10.0	9.7	9.3	10.5	10.1	9.9	10.2	8.9	9.8
Other States ...	5.8	4.3	3.5	n.a.	4.3	4.9	5.1	5.1	4.8	4.3
WINTER AV	8.1	8.0	7.9	7.9	8.2	7.6	8.0	8.6	7.3	8.4
Arkansas	3.9	3.9	4.0	4.2	4.8	4.7	5.2	4.7	6.0	(a)
New York	8.7	7.9	5.7	9.0	7.4	(a)	(a)	(a)	(a)	.....
Oklahoma	3.8	3.6	3.8	3.7	3.7	4.2	4.1	4.5	5.4	(a)
Other States ...	4.8	5.3	5.0	4.4	5.2	6.0	8.2	6.4	5.6	4.4
SPRING AV	4.4	4.6	4.3	4.2	4.9	5.1	5.7	5.3	5.7	4.4
Arkansas	2.5	2.1	3.4	3.9	4.3	4.4	4.7	4.6	3.6	(a)
Oklahoma	2.3	2.1	3.5	3.9	4.0	5.0	4.7	4.2	4.0	(a)
Other States	4.8	6.4	5.4	5.7	5.4	5.3	4.6	6.8	6.8	6.9
FALL AV	3.6	3.8	4.4	5.1	5.2	5.0	4.7	6.1	5.8	6.9
For Freezing ..	6.4	6.9	6.7	6.8	7.1	7.8	8.8	8.8	7.8	8.0
For Canning...	5.6	5.8	5.6	5.8	6.7	6.2	6.2	6.2	5.9	6.6
U.S. PROC. AV ..	6.0	6.3	6.1	6.3	7.0	6.8	7.3	7.5	6.8	7.4

SPINACH—PRODUCTION—1,000 TONS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
California	72.6	88.2	92.8	87.2	102.5	85.1	95.7	91.9	71.1	102.0
Other States ...	25.7	20.8	13.6	23.6	25.6	39.7	31.9	20.5	23.5	16.3
WINTER TOT ...	98.3	108.9	106.4	110.7	128.1	124.8	127.6	112.4	94.6	118.4
Arkansas	7.7	8.3	12.0	10.5	7.6	6.6	6.7	9.8	8.4	(a)
New York	4.3	3.7	1.7	1.5	3.1	(a)	(a)	(a)	(a)	.....
Oklahoma	10.5	8.0	7.7	6.6	5.5	5.5	7.0	8.1	9.2	(a)
Other States ...	12.9	14.9	10.7	11.2	15.9	10.0	11.9	14.6	7.7	17.4
SPRING TOT	35.3	34.8	32.1	29.8	32.1	22.1	25.5	32.5	25.3	17.4
Arkansas	3.0	2.5	5.4	3.7	.6	2.4	1.7	1.1	1.5	(a)
Oklahoma	3.0	1.8	4.2	4.3	1.3	1.4	1.4	.8	1.8	(a)
Other States	11.6	12.1	16.2	22.0	12.3	8.7	5.0	7.1	12.1	18.7
FALL TOT	17.5	16.4	25.8	30.0	14.2	12.5	8.1	8.9	15.3	18.7
For Freezing ..	76.6	81.5	85.4	91.6	100.0	68.5	82.0	89.7	72.4	101.5
For Canning...	74.5	78.6	78.8	78.9	74.4	90.8	79.2	64.0	62.7	52.9
PROCESSING ...	151.1	160.1	164.2	170.5	174.3	159.3	161.1	153.7	135.1	154.4
FRESH MKT	30.6	31.7	29.7	31.4	30.4	31.5	34.3	40.6	43.7	48.9
TOT. U.S.	181.7	191.8	193.9	201.9	204.7	190.8	195.4	194.3	178.8	203.3

SPINACH—VALUE PER TON—DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
California	37.80	38.20	39.00	40.70	47.80	56.20	56.90	63.90	75.40	81.70
Other States ...	44.00	44.50	45.40	50.20	61.10	75.30	82.60	78.00	85.00	95.20
WINTER AV	39.40	39.40	39.80	42.70	50.50	62.30	63.30	66.50	77.80	83.60
Arkansas	52.00	55.90	56.10	60.10	81.40	80.90	80.30	80.70	80.40	(a)
New York	45.50	45.50	50.00	53.00	85.80	(a)	(a)	(a)	(a)	.....
Oklahoma	50.80	55.10	54.90	60.00	67.50	80.00	80.00	80.00	80.30	(a)
Other States ...	45.50	48.20	49.10	59.60	72.80	66.80	66.40	69.60	79.70	92.80
SPRING AV	48.40	51.30	53.10	59.50	75.20	74.30	73.80	75.60	80.20	92.80
Arkansas	50.50	57.60	60.00	75.10	90.00	90.00	90.00	90.00	81.40	(a)
Oklahoma	50.00	54.60	55.00	75.00	69.70	80.00	90.00	90.70	80.00	(a)
Other States	48.20	47.20	53.90	63.90	71.70	63.40	67.60	72.80	82.30	95.60
FALL AV	48.90	52.20	55.40	66.90	72.30	70.40	76.10	76.40	82.00	95.60
For Freezing ..	41.95	42.92	44.13	49.60	56.90	59.23	59.18	65.03	78.42	86.70
For Canning...	43.33	43.69	45.64	50.27	56.62	68.63	72.26	74.48	78.96	84.80
U.S. PROC. AV ..	42.60	43.30	44.90	49.90	56.80	64.60	65.60	69.00	78.70	86.10

(a) Included with "Other States".

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

SPINACH—TOTAL VALUE—1,000 DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
California	2,742	3,367	3,617	3,547	4,900	4,783	5,440	5,872	5,357	8,336
Other States ...	1,131	924	617	1,183	1,564	2,987	2,635	1,596	1,998	1,554
WINTER TOT ...	3,873	4,291	4,234	4,730	6,464	7,770	8,075	7,468	7,355	9,890
Arkansas	400	461	673	631	619	534	538	791	675	(a)
New York	193	166	85	77	262	(a)	(a)	(a)	(a)	.....
Oklahoma	533	441	420	396	371	440	556	648	739	(a)
Other States ...	584	718	525	667	1,158	665	787	1,013	610	1,612
SPRING TOT....	1,710	1,786	1,703	1,771	2,410	1,639	1,881	2,452	2,024	1,612
Arkansas	149	144	324	278	54	216	149	99	118	(a)
Oklahoma	150	112	231	323	87	112	126	68	140	(a)
Other States	557	597	871	1,405	882	548	338	513	992	1,785
FALL TOT	856	853	1,426	2,006	1,023	876	613	680	1,250	1,785
For Freezing ..	3,213	3,498	3,769	4,541	5,687	4,057	4,850	5,833	5,678	8,799
For Canning...	3,226	3,432	3,594	3,966	4,210	6,228	5,719	4,767	4,951	4,488
PROCESSING...	6,439	6,930	7,363	8,507	9,897	10,285	10,569	10,600	10,629	13,287

(a) Included in "Other States".

TOMATOES—HARVESTED ACREAGE—1,000 ACRES (Rounded)

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980*
New York	2.5	2.7	3.0	2.9	2.6	(a)	(a)	(a)	(a)	(a)
New Jersey.....	14.4	12.6	11.6	13.3	10.6	9.3	8.0	7.2	7.0	5.5
Pennsylvania....	7.7	6.2	6.3	6.6	7.0	6.2	5.8	3.9	4.4	2.4
†MIDATLANT ..	24.6	21.5	20.9	22.8	20.2	15.5	13.8	11.1	11.4	7.9
Delaware.....	1.2	.8	1.0	.9	(a)	(a)	(a)	(a)	(a)	(a)
Maryland	3.6	3.5	4.1	3.7	4.6	4.3	4.0	3.9	2.8	3.6
Virginia	5.3	5.5	4.3	4.1	3.8	3.5	3.6	3.8	3.6	2.1
†DELMARVA ...	10.0	9.8	9.4	8.7	8.4	7.8	7.6	7.7	6.4	5.7
Ohio.....	26.0	24.3	18.0	25.1	24.1	22.3	21.2	19.7	18.7	17.1
Indiana	14.3	14.3	13.9	15.1	15.8	12.7	12.5	9.5	9.8	8.6
Illinois	3.2	2.6	2.4	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Michigan	4.3	4.0	3.6	5.3	4.4	4.0	4.1	4.5	6.1	4.6
†NO. CENTRAL .	47.8	45.2	37.9	45.5	44.3	39.0	37.8	33.7	34.6	30.3
Florida	3.4	3.6	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Texas	3.7	1.8	2.9	2.6	4.0	4.0	2.0	2.5	2.0	2.0
†SOUTH	7.1	5.4	2.9	2.6	4.0	4.0	2.0	2.5	2.0	2.0
Colorado	.4	.6	.6	.6	.6	.7	.6	.8	.8	.9
New Mexico	.9	.9	.6	.6	.9	.9	.9	.6	(a)	(a)
Utah	1.3	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
California	163.7	178.9	218.0	249.9	299.2	233.8	276.4	231.9	250.0	215.0
†WEST	166.3	180.1	219.2	251.1	300.7	235.4	277.9	233.3	250.8	215.9
OTHER STS	2.3	3.2	4.8	7.0	6.7	7.3	7.5	7.3	6.6	5.3
PROCESSING...	258.1	265.0	295.1	337.7	384.3	309.0	346.7	295.6	311.7	267.1
FRESH MKT ...	136.4	145.2	139.6	124.2	124.3	127.8	124.3	129.5	128.3	n.a.
TOT. U.S.	394.5	410.2	434.1	461.9	508.6	436.8	471.0	425.1	440.0	n.a.

*Planting intentions only as of March 15, 1980. These estimates are based on reports made by processors prior to planting and represent area contracted or intentions to contract as well as intended area grown by processing firms for their own use. Does not include acreage allowance for open market procurement. 1974 harvested acreage was 6.2% less than "intentions"; 1975—4.4% greater; 1976—6.2% less; 1977—3.8% greater; 1978—2.9% less; 1979—3.0% less. †Area totals do not include quantities in "Other States". (a) Included in "Other States". n.a.-Not available.

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

TOMATOES—YIELD PER ACRE—TONS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
New York	13.1	14.0	10.5	14.6	13.8	15.5	n.a.	n.a.	n.a.	n.a.
New Jersey	19.3	15.0	13.7	14.7	17.4	14.5	19.0	15.2	12.9	14.0
Pennsylvania	19.9	15.6	11.2	13.5	14.1	15.4	20.4	19.7	19.5	16.7
Delaware	16.5	13.8	13.2	13.7	15.3	n.a.	n.a.	n.a.	n.a.	n.a.
Maryland	13.6	12.8	11.5	11.2	12.9	11.6	11.4	11.5	11.3	12.8
Virginia	6.4	6.6	6.6	8.7	9.0	8.9	12.7	8.1	10.5	11.9
Ohio	20.6	23.8	19.8	16.5	14.7	17.6	23.3	19.9	20.2	18.7
Indiana	19.7	20.3	16.4	14.4	11.4	13.3	18.4	13.9	21.1	14.8
Illinois	16.0	23.8	20.5	17.5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Michigan	16.7	15.1	13.4	14.8	11.4	14.4	18.6	15.5	18.0	18.6
Florida	6.5	7.9	8.3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Texas	6.7	9.7	4.6	8.6	8.4	9.5	11.2	10.2	8.6	8.7
Colorado	11.1	11.0	11.4	12.3	12.2	13.4	16.9	10.9	15.3	10.8
New Mexico	10.0	11.0	7.6	10.0	12.0	10.0	10.0	11.0	8.0	n.a.
Utah	12.8	12.5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
California	23.8	23.7	25.3	22.3	23.4	24.3	21.7	24.1	22.8	25.4
U.S. PROC. AV	20.6	21.4	21.9	20.1	20.8	22.1	21.0	22.4	21.5	23.5

TOMATOES—PRODUCTION—1,000 TONS (Rounded)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
New York	39.3	35.0	28.3	43.8	39.9	(a)	(a)	(a)	(a)	(a)
New Jersey	280.0	216.0	173.0	170.0	231.6	154.0	176.3	121.2	92.9	98.0
Pennsylvania	151.0	120.1	69.2	84.9	93.0	108.1	126.5	114.3	76.1	73.3
†MIDATLANT	470.3	371.1	270.5	298.6	364.4	262.1	302.8	235.5	169.0	171.3
Delaware	24.8	16.6	9.9	13.7	13.8	(a)	(a)	(a)	(a)	(a)
Maryland	59.9	46.1	40.2	46.0	47.9	53.3	49.0	46.0	44.0	35.9
Virginia	35.3	35.0	36.0	37.5	37.0	33.9	44.4	29.1	40.0	43.0
†DELMARVA	119.9	97.7	86.1	97.1	98.6	87.2	93.4	75.1	84.0	78.9
Ohio	545.7	619.1	480.7	296.8	368.2	423.0	520.3	422.8	398.4	349.3
Indiana	295.2	290.7	234.7	200.2	172.5	209.3	234.1	173.1	200.1	144.6
Illinois	71.9	76.2	53.3	42.0	(a)	(a)	(a)	(a)	(a)	(a)
Michigan	55.2	65.1	53.6	53.4	60.4	63.3	74.5	63.5	81.2	113.5
† NO. CENT	967.9	1,051.0	822.2	592.4	601.1	695.6	828.8	659.4	679.6	607.4
Florida	43.5	27.0	29.9	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Texas	30.2	36.0	8.3	25.0	21.8	37.9	44.9	20.4	21.6	17.4
†SOUTH	73.7	63.0	38.2	25.0	21.8	37.9	44.9	20.4	21.6	17.4
Colorado	12.2	4.0	9.8	7.9	7.7	8.6	11.0	7.0	11.6	8.1
New Mexico	7.0	9.9	4.2	6.0	7.2	8.6	9.0	9.9	4.8	(a)
Utah	20.5	16.3	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
California	3,363.0	3,879.7	4,526.2	4,861.4	5,847.7	7,270.6	5,066.5	6,669.6	5,289.7	6,350.0
†WEST	3,402.7	3,909.9	4,540.1	4,875.3	5,862.6	7,287.8	5,086.4	6,686.5	5,306.1	6,358.1
OTHER STS	24.5	23.1	46.8	46.2	71.5	133.3	115.6	102.5	107.6	98.4
PROCESSING	5,059.9	5,515.6	5,803.7	5,934.6	7,019.9	8,503.8	6,471.8	7,779.2	6,367.7	7,331.4
FRESH MKT	911.7	891.4	996.3	977.8	1,004.1	1,047.3	1,086.5	989.0	1,106.6	1,116.0
TOT. U.S.	5,970.7	6,407.0	6,800.0	6,912.4	8,024.0	9,551.1	7,558.3	8,768.1	7,474.3	8,447.4

†Area totals do not include quantities in Other States. (a) Included in Other States. n.a. Not available.

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

TOMATOES—VALUE PER TON—DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
New York	43.60	45.60	45.20	48.90	73.70	n.a.	n.a.	n.a.	n.a.	n.a.
New Jersey	41.60	41.90	43.60	49.60	74.50	72.40	65.00	63.00	65.00	70.20
Pennsylvania	38.50	39.30	40.50	44.00	70.40	67.40	61.00	62.00	64.00	65.80
Delaware	42.00	44.60	42.40	48.10	74.00	n.a.	n.a.	n.a.	n.a.	n.a.
Maryland	40.00	42.20	45.20	50.80	68.50	69.20	64.50	64.30	66.80	60.70
Virginia	37.50	38.90	48.10	49.10	67.20	69.60	60.80	70.60	67.40	70.40
Ohio	37.70	38.30	38.10	45.40	66.50	68.00	66.00	66.00	67.80	67.80
Indiana	38.70	38.10	38.30	43.40	65.70	62.90	65.50	66.70	68.50	72.70
Illinois	39.90	39.30	38.40	45.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Michigan	36.90	37.30	37.50	43.40	69.30	64.00	65.20	65.80	67.30	68.30
Florida	33.90	33.80	34.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Texas	33.00	38.60	35.00	54.10	61.30	78.20	65.10	64.60	68.30	62.10
Colorado	35.20	35.60	39.20	42.00	62.50	61.90	58.20	63.70	63.00	64.60
New Mexico	34.00	34.00	34.00	45.00	70.00	70.00	75.00	75.00	75.00	n.a.
Utah	34.00	34.80	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
California	31.60	34.00	34.00	41.10	63.80	62.50	56.20	63.90	63.70	67.50
PROC. AV.	34.00	35.50	35.20	42.00	64.50	63.20	58.00	64.10	64.20	67.60

TOMATOES—TOTAL VALUE—1,000 DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
New York	1,713	1,596	1,279	2,142	2,941	(a)	(a)	(a)	(a)	(a)
New Jersey	11,648	9,050	7,543	8,430	17,250	11,150	11,456	7,636	6,035	6,880
Pennsylvania	5,814	4,720	2,801	3,733	6,544	7,286	7,717	7,084	4,870	4,821
†MIDATLANT	19,175	15,366	11,623	14,305	26,735	18,436	19,173	14,720	10,905	11,701
Delaware	1,040	740	420	657	1,021	(a)	(a)	(a)	(a)	(a)
Maryland	2,394	1,943	1,817	2,334	3,278	3,698	3,161	2,955	2,936	2,179
Virginia	1,324	1,362	1,732	1,841	2,483	2,356	2,696	2,051	2,696	3,024
†DELMARVA	4,758	4,045	3,969	4,832	6,782	6,044	5,857	5,006	5,632	5,203
Ohio	20,571	23,710	18,313	13,475	24,485	28,764	34,337	27,902	27,008	23,684
Indiana	11,424	11,076	8,987	8,689	11,330	13,165	15,330	11,546	13,703	10,509
Illinois	2,869	2,993	2,047	1,890	(a)	(a)	(a)	(a)	(a)	(a)
Michigan	2,035	2,426	2,010	2,318	4,186	4,051	4,857	4,178	5,465	7,753
†NO. CENT	36,899	40,205	31,357	26,372	40,001	45,980	54,524	43,626	46,176	41,946
Florida	1,475	911	1,017	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Texas	997	1,390	289	1,353	1,336	2,964	2,920	1,318	1,472	1,081
†SOUTH	2,472	2,301	1,306	1,353	1,336	2,964	2,920	1,318	1,472	1,081
Colorado	429	141	382	332	481	546	637	446	731	523
New Mexico	238	337	141	270	504	602	675	743	360	(a)
Utah	697	566	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
California	106,269	131,910	153,889	199,804	373,080	454,409	284,734	426,184	336,951	428,625
†WEST	107,633	132,954	154,412	200,406	374,065	455,557	286,046	427,373	338,042	429,148
OTHER STS	920	867	1,699	1,817	4,103	8,471	6,887	6,329	6,723	6,481
PROCESSING	171,857	195,738	204,366	249,085	453,022	537,452	375,407	498,372	408,950	495,560

(a) Included in OTHER STATES. n.a. Not available. †Area totals do not include quantities in OTHER STATES.

COMMODITY SUMMARIES—HARVESTED ACREAGE—1,000 ACRES

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Beans, Lima	70.6	71.1	74.5	77.5	73.7	76.9	48.0	60.3	68.1	64.5
Beans, Snap.....	227.8	240.2	255.4	292.2	291.1	273.6	237.2	257.6	280.4	285.2
Beets	15.0	13.7	12.7	16.4	18.5	18.1	14.5	14.1	17.3	17.4
Cabbage/Kraut ..	13.0	11.5	10.8	13.0	13.9	11.8	11.5	10.5	10.6	9.8
Corn, Sweet	413.7	424.6	429.8	456.1	462.2	508.7	461.0	454.0	429.6	416.5
Cucumbers for Pickles.....	133.6	127.6	128.8	125.9	132.0	140.2	128.4	123.8	134.4	131.8
Peas, Green	387.4	386.2	380.7	423.8	421.7	437.7	393.0	350.5	355.5	389.3
Spinach	25.1	25.4	26.8	26.9	25.1	23.3	22.2	20.6	20.0	20.8
Tomatoes.....	245.1	258.1	265.0	295.1	337.7	384.3	309.0	346.7	295.6	311.7
TOT ABOVE	1,531.2	1,558.5	1,584.5	1,727.0	1,775.8	1,874.5	1,624.6	1,638.1	1,611.4	1,647.1

COMMODITY SUMMARIES—YIELD PER ACRE—TONS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Beans, Lima	1.11	1.13	1.22	1.27	1.21	1.25	1.16	1.23	1.21	1.30
Beans, Snap.....	2.50	2.48	2.40	2.54	2.57	2.43	2.49	2.62	2.56	2.70
Beets	13.70	13.86	13.02	12.25	13.03	12.78	10.86	14.60	12.79	14.32
Cabbage/Kraut ..	20.50	20.50	18.34	16.81	20.23	20.30	20.23	22.29	20.60	24.36
Corn, Sweet	4.56	4.84	4.93	4.80	4.48	4.70	4.84	5.23	5.67	5.88
Cucumbers for Pickles.....	4.41	4.41	4.43	4.76	4.52	4.81	4.94	5.04	5.10	5.11
Peas, Green	1.26	1.37	1.36	1.20	1.36	1.30	1.31	1.40	1.30	1.56
Spinach	6.02	6.29	6.13	6.33	6.96	6.82	7.27	7.46	6.76	7.43
Tomatoes	20.64	21.40	21.90	20.11	20.79	22.13	20.95	22.44	21.54	23.52

COMMODITY SUMMARIES—PRODUCTION—1,000 TONS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Beans, Lima	78.8	80.7	90.7	98.1	89.4	96.1	55.8	74.2	82.7	83.8
Beans, Snap.....	570.2	596.7	613.4	741.7	748.4	665.2	590.7	675.5	716.6	768.8
Beets	205.7	189.8	164.9	200.9	241.1	231.1	157.4	206.2	221.6	249.7
Cabbage/Kraut ..	266.1	235.0	198.1	219.2	281.5	239.8	232.1	234.8	217.8	238.7
Corn,Sweet.....	1,888.2	2,054.2	2,119.5	2,190.5	2,069.5	2,393.1	2,233.1	2,376.2	2,434.7	2,447.6
Cucumbers for Pickles.....	588.8	563.1	571.2	598.8	597.0	674.3	633.8	623.9	685.5	672.9
Peas, Green	489.6	527.7	516.1	507.7	573.2	570.8	513.2	489.0	461.1	607.5
Spinach	151.1	160.1	164.2	170.5	174.3	159.3	161.1	153.7	135.1	154.4
Tomatoes.....	5,059.0	5,515.6	5,803.7	5,934.6	7,019.9	8,503.8	6,471.8	7,779.2	6,367.7	7,331.4
TOT ABOVE	9,297.2	9,922.6	10,241.6	10,661.7	11,794.1	13,533.3	11,048.9	12,612.5	11,322.6	12,554.8

COMMODITY SUMMARIES—VALUE PER TON—DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Beans, Lima	184.00	185.00	208.00	211.00	315.00	321.50	286.90	342.70	359.00	366.00
Beans, Snap.....	95.60	92.60	100.00	103.00	157.00	153.50	138.60	145.00	146.00	153.00
Beets	21.30	21.40	23.70	27.50	41.00	38.20	38.50	40.70	39.70	42.60
Cabbage/Kraut ..	17.70	17.50	21.40	24.80	31.00	31.40	31.20	30.50	31.50	31.70
Corn, Sweet	23.90	24.20	25.80	29.80	54.30	53.60	48.20	49.60	49.90	51.30
Cucumbers for Pickles.....	94.10	93.20	94.00	99.30	131.00	128.60	125.80	126.20	130.00	145.00
Peas, Green	109.00	107.00	112.00	119.00	196.00	218.30	198.70	206.00	206.00	211.00
Spinach	42.60	43.30	44.90	49.90	56.80	64.60	65.60	69.00	78.70	86.10
Tomatoes	34.00	35.50	35.20	42.00	64.50	63.20	58.00	64.10	64.20	67.60

COMMODITY SUMMARIES—TOTAL VALUE—1,000 DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Beans, Lima	14,491	14,960	18,829	20,714	28,179	30,898	16,007	25,426	29,704	30,683
Beans, Snap.....	54,480	55,264	61,538	76,241	117,654	102,096	81,895	98,170	104,630	117,639
Beets	4,379	4,059	3,910	5,520	9,887	8,818	6,057	8,383	8,793	10,637
Cabbage/Kraut ..	4,707	4,111	4,245	5,424	8,720	7,525	7,235	7,166	6,857	7,560
Corn, Sweet	45,134	49,781	54,754	65,163	112,306	128,227	107,703	117,879	121,445	125,563
Cucumbers for pickles	55,391	52,461	53,660	59,448	77,954	86,730	79,751	78,651	88,814	97,719
Peas, Green	53,311	56,676	57,968	60,530	112,166	124,604	101,982	100,533	94,853	128,048
Spinach	6,439	6,930	7,363	8,507	9,897	10,285	10,569	10,600	10,629	13,287
Tomatoes.....	171,857	195,738	204,366	249,085	453,022	537,452	375,407	498,372	408,950	495,560
TOT ABOVE	410,189	439,980	466,633	550,632	929,785	1,036,635	786,606	945,180	874,675	1,026,696

*STATE SUMMARIES—HARVESTED ACREAGE—1,000 ACRES

State	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Maine	9.4	9.4	2.8	2.4	5.2	5.8	5.8	7.2	7.1	8.1
New Hamp	(c)	.....	(c)	.....	.....	.....	.....	.....	.....	.....
Vermont	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mass	.9	.9	.9	1.0	.9	.8	.8	1.3	1.4	1.6
Conn	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	80.5	74.7	72.3	83.6	88.3	89.3	79.1	75.6	88.5	83.0
New Jersey	34.7	33.1	30.4	32.1	34.1	27.4	14.1	14.8	19.0	16.8
Penna	26.5	26.7	23.1	23.2	22.3	22.2	19.0	17.8	14.9	14.6
N. ATLANT	152.1	144.7	129.5	142.1	150.8	145.5	118.7	116.6	131.0	124.1
Ohio	36.4	35.7	33.4	27.7	35.9	34.2	30.9	29.9	28.1	26.5
Indiana	28.1	27.8	27.4	30.0	32.0	31.7	23.9	23.4	20.0	18.4
Illinois	95.0	97.7	92.2	105.2	106.6	113.2	103.2	91.8	95.2	95.0
Michigan	40.9	46.4	49.2	53.4	51.7	50.5	48.0	50.9	52.5	52.0
Wisconsin	308.6	316.2	304.6	339.9	338.2	372.3	342.1	331.2	304.3	338.9
Minnesota	177.0	176.8	187.8	181.4	186.0	197.3	193.3	191.1	185.5	178.1
Iowa	10.6	10.0	11.9	10.2	14.5	16.9	13.0	11.7	7.7	5.7
Missouri	.8	.9	1.0	.2	.9	.9	.6	1.1	1.7	.5
N. Dakota	(c)	(c)	.....	.....	.....	.....	.....	.....	.....	.....
S. Dakota	.7	.7	.1	.1	.1	.1	.1	.1	.1	.1
Nebraska	.4	.3	.2	.1	.1	.2	.1	.2	.2	.1
Kansas	.1	.....	(c)	(c)	.....	.....	.....	.....	.....	.....
N. CENT	698.6	712.5	707.8	748.2	766.0	817.3	755.0	731.4	695.2	715.2
Delaware	32.4	35.1	37.5	42.4	41.8	34.9	28.2	30.1	35.2	28.8
Maryland	44.2	42.8	43.7	40.9	39.1	39.7	36.5	34.9	34.8	37.6
Virginia	12.5	12.5	14.9	13.9	14.5	14.0	12.9	12.8	13.3	11.7
W. Va.	(c)	(c)	(c)	.8	2.6	1.6	.7	.5	.1	.1
N.C.	30.4	29.6	29.3	29.2	30.8	32.9	29.2	29.6	31.2	32.7
S.C.	10.6	9.9	10.9	9.1	8.5	9.8	7.8	8.8	9.7	10.9
Georgia	2.3	2.1	3.4	3.4	2.3	4.6	3.4	3.9	4.3	4.6
Florida	15.4	12.6	11.4	15.2	19.9	18.7	18.1	19.4	21.8	22.8
S. ATLANT	147.8	144.1	151.1	154.9	159.5	156.2	136.8	140.0	150.4	149.2
Kentucky	4.2	4.1	3.8	4.2	2.0	3.5	2.7	2.8	2.3	1.2
Tenn	15.2	16.5	16.8	19.9	16.7	17.8	13.3	14.9	12.9	10 9
Alabama	10.1	8.3	11.4	7.5	9.2	7.9	4.7	6.9	9.7	8.4
Miss	10.6	9.4	8.0	7.7	7.9	6.9	5.0	3.6	4.2	3.5
Arkansas	11.5	10.3	11.8	8.2	9.2	7.8	6.9	8.5	6.4	6.5
Louisiana	1.1	.9	.4	.5	.5	.3	.3	.2	.1	.2
Oklahoma	6.5	5.6	6.1	4.4	3.3	3.8	4.3	4.2	3.0	2.2
Texas	19.1	17.0	15.3	18.6	20.7	25.2	20.5	16.8	20.1	20.3
S. CENT	78.2	72.1	73.6	71.0	69.4	73.2	57.6	57.8	58.8	53.1
Montana	.9	.7	.8	.5	.5	.6	.....	.....	.....	.....
Idaho	38.5	42.0	44.4	56.5	44.3	46.0	43.8	35.9	35.2	35.2
Wyoming	2.1	1.0	.8	.9	.7	1.0	.....	.....	.....	.....
Colorado	6.4	5.2	5.3	4.9	5.6	5.1	5.0	4.4	4.8	4.9
New Mexico	.8	.9	.6	.6	.6	.9	.9	.9	.6	.3
Arizona	.4	.4	.5	.4	.7	2.0	1.2	.6	.7	.5
Utah	8.3	7.9	5.9	5.4	5.8	6.3	5.3	4.7	4.8	4.7
Wash	102.9	99.4	101.6	125.3	129.8	135.5	115.0	111.3	121.8	126.9
Oregon	105.2	110.1	122.9	137.3	132.6	126.6	108.2	104.3	116.9	122.7
Calif	189.2	217.7	239.8	279.3	309.8	358.6	277.3	330.3	291.6	310.4
WESTERN	454.7	485.3	522.6	611.1	630.4	682.6	556.5	592.3	576.2	605.6
T. U.S. PROC	1,531.2	1,558.5	1,584.5	1,727.0	1,775.8	1,874.5	1,624.6	1,638.1	1,611.4	1,647.1

*Includes lima beans, snap beans, beets, cabbage/kraut, sweet corn, cucumbers for pickles, green peas, spinach, tomatoes. (c) Less than 50 acres.

SEMENCES · SAMEN · SEMENTES

QUALITY CASTLE SINCE 1923

SEMILLAS · SEED · SAAD

Quality Since 1923

PRIMARY GROWERS & BREEDERS

HYBRID AND OPEN-POLLINATED SEEDS

TOMATO — PEPPER — CUCURBITS

A. L. CASTLE, Inc.

BOX 877 MORGAN HILL, CALIF. 95037 ph. (408) 779-3141

CABLE: CASTLSEED TELEX: 352040

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

*STATE SUMMARIES—PRODUCTION—1,000 TONS

State	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Maine	13.7	13.3	5.2	3.7	9.1	8.4	6.2	9.0	8.4	11.8
New Hamp	.2	.....	.2	.....	.....	.....	.....	.....	.....	.....
Vermont	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mass	10.2	11.0	10.3	13.1	11.3	9.2	7.4	10.4	13.4	12.7
Conn	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	384.8	362.4	272.0	358.2	427.7	429.2	328.2	373.9	403.8	420.6
New Jersey	333.2	264.6	221.0	223.0	291.3	196.9	197.2	147.8	127.0	124.1
Penn	202.6	168.6	104.7	133.0	142.7	146.9	161.6	144.7	107.8	97.9
N. ATLANT	944.5	819.8	613.3	731.0	882.1	790.5	700.5	685.7	660.3	667.0
Ohio	630.9	703.8	563.2	370.0	453.5	509.2	613.5	523.3	500.7	465.6
Indiana	350.5	347.7	283.3	255.3	223.9	265.6	280.9	213.3	245.0	179.7
Illinois	307.3	399.7	354.2	340.7	284.3	396.3	370.8	331.4	352.1	373.3
Michigan	200.3	191.4	206.2	226.0	236.0	249.7	222.5	237.5	259.9	279.6
Wisconsin	881.3	1,001.6	975.0	947.4	988.3	1,040.7	1,019.6	1,164.1	1,024.1	1,196.6
Minnesota	599.2	597.6	681.2	670.4	560.1	598.5	593.0	770.0	744.5	694.1
Iowa	56.9	60.4	67.3	60.3	66.0	78.4	59.9	60.9	46.6	37.0
Missouri	1.5	2.2	1.6	.5	1.9	2.3	1.8	3.0	2.4	1.0
N. Dakota	.1	.1	.....	.....	.....	.....	.....	.....	.....	.....
S. Dakota	2.3	3.0	.5	.3	.4	.5	.2	.4	.2	.2
Nebraska	1.1	1.0	1.0	.6	.8	.9	.6	1.0	.7	.7
Kansas	1.2	.....	.4	.4	.....	.....	.....	.....	.....	.....
N. CENT	3,032.3	3,308.3	3,133.7	2,871.6	2,814.8	3,142.1	3,167.5	3,304.8	3,175.9	3,227.7
Delaware	77.5	63.9	65.6	78.4	78.9	67.5	53.6	48.8	66.7	57.5
Maryland	178.3	145.4	131.8	143.1	140.0	163.8	138.7	134.1	138.7	145.8
Virginia	58.4	55.8	60.2	71.0	73.2	68.0	72.3	49.8	72.5	67.6
W. Va	.4	.4	.4	2.1	6.9	3.9	2.3	1.2	.8	.9
N.C.	78.8	90.3	74.0	90.2	75.0	85.9	82.5	75.3	81.4	91.3
S.C.	29.0	27.8	32.1	27.6	21.0	28.0	19.2	25.0	29.7	26.9
Georgia	5.5	4.5	7.8	7.2	5.7	10.6	6.9	8.5	11.4	10.7
Florida	62.0	50.5	50.6	60.4	80.9	71.0	73.8	71.3	80.4	88.5
S. ATLANT	489.7	438.5	422.3	479.8	481.4	498.7	449.1	414.0	481.5	489.1
Kentucky	22.1	21.1	12.7	9.2	6.7	9.6	9.9	10.9	7.6	5.6
Tenn.	34.4	38.1	42.4	36.0	46.1	40.1	32.9	33.9	26.8	22.7
Alabama	19.8	13.6	24.9	17.5	25.3	21.7	20.4	13.0	15.3	18.3
Miss.	33.3	21.7	21.0	19.0	18.7	16.8	12.0	6.1	6.7	5.4
Arkansas	27.9	22.7	34.0	24.5	23.0	23.4	19.9	21.7	18.4	16.7
Louisiana	2.8	2.8	2.0	1.3	1.6	1.0	.6	.4	.2	.3
Oklahoma	17.4	14.3	17.5	14.8	9.6	12.2	13.7	12.5	12.3	7.0
Texas	100.4	97.9	78.0	101.1	95.5	132.3	127.5	95.7	121.5	96.9
S. CENT	258.0	232.0	232.4	223.1	226.3	257.1	236.8	194.0	208.7	173.9
Montana	1.2	1.1	1.5	.6	.9	.9	.....	.....	.....	.....
Idaho	161.3	161.8	173.7	185.4	189.8	197.0	200.6	161.6	185.2	213.1
Wyoming	4.7	1.7	1.2	1.5	1.2	2.3	.....	.....	.....	.....
Colorado	40.2	32.9	34.7	30.5	39.6	35.0	40.3	33.3	36.0	34.8
New Mexico	7.1	10.0	4.2	6.0	7.2	8.6	9.0	9.9	4.8	2.8
Arizona	2.2	2.0	2.1	1.8	3.4	6.0	3.7	2.1	2.7	1.8
Utah	45.9	40.1	36.7	19.2	20.4	25.9	23.4	16.9	17.4	23.3
Wash.	306.0	304.8	292.5	410.6	417.7	483.7	388.8	364.0	469.0	493.7
Oregon	447.3	466.1	511.7	587.9	609.0	570.7	544.2	526.7	577.1	613.4
California	3,557.1	4,103.9	4,782.2	5,112.8	6,100.5	7,515.8	5,285.2	6,899.9	5,504.3	6,614.3
WESTERN	4,572.9	5,124.1	5,840.3	6,356.3	7,389.7	3,845.9	6,495.0	8,014.2	6,796.4	7,997.2
T. U.S. PROC	19,297.2	9,922.6	10,241.6	10,661.7	11,794.1	13,533.3	11,048.9	12,612.5	11,322.6	12,554.8

*Includes lima beans, snap beans, beets, cabbage/kraut, sweet corn, cucumbers for pickles, green peas, spinach, tomatoes.

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

*STATE SUMMARIES—TOTAL VALUE—1,000 DOLLARS

State	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Maine	1,474	1,415	571	409	1,378	1,397	849	1,411	1,587	2,069
New Hamp	12	.....	12	.....	.....	.....	.....	.....	.....	.....
Vermont	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mass	682	717	699	912	907	783	654	1,039	1,394	1,342
Conn	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	16,850	15,742	13,382	19,894	31,055	35,484	21,906	27,363	30,472	32,786
New Jersey	17,209	14,091	12,956	14,396	28,078	18,523	14,565	11,851	11,507	11,541
Penna	8,888	7,753	5,031	6,942	11,300	11,577	11,361	10,210	7,890	7,574
N. ATLANT	45,115	39,718	32,651	42,553	72,718	67,764	49,335	51,874	52,850	55,312
Ohio	26,149	30,027	24,822	18,971	34,180	39,134	45,175	38,418	37,194	36,954
Indiana	14,202	13,849	11,171	11,769	15,111	17,911	18,974	14,700	17,754	13,489
Illinois	14,319	18,169	15,969	18,014	23,840	35,038	32,207	29,584	29,591	33,795
Michigan	15,011	13,001	14,736	17,388	24,435	25,557	21,314	23,368	27,176	30,137
Wisconsin	43,390	46,527	49,052	48,321	79,547	88,714	78,721	93,648	81,013	105,389
Minnesota	19,478	19,742	23,123	26,200	40,063	44,190	39,407	53,045	50,432	54,067
Iowa	1,385	1,633	1,731	1,853	2,926	3,992	3,288	3,176	2,396	1,949
Missouri	134	231	194	54	307	332	175	265	211	138
N. Dakota	11	6	.....	.....	.....	.....	.....	.....	.....	.....
S. Dakota	128	130	54	31	47	66	19	54	21	27
Nebraska	111	112	121	62	96	111	70	133	91	105
Kansas	41	.....	18	28	.....	.....	.....	.....	.....	.....
N. CENT	134,359	143,427	140,991	142,691	220,552	255,045	239,350	256,391	245,879	276,050
Delaware	6,116	4,898	6,076	7,494	11,109	11,490	7,340	7,853	11,458	8,941
Maryland	8,531	7,266	7,510	8,981	12,044	16,550	11,905	12,345	13,640	14,564
Virginia	2,691	2,728	3,471	4,724	6,505	6,658	5,906	4,702	6,730	6,175
W. Va.	17	17	16	199	916	612	199	110	47	60
N.C.	7,136	8,402	8,391	9,447	10,316	11,590	11,436	9,931	10,331	14,014
S.C.	2,262	2,158	2,765	2,425	2,416	3,276	2,600	3,521	4,615	4,246
Georgia	469	400	618	656	601	1,121	888	1,218	1,701	1,705
Florida	3,145	3,227	3,806	6,409	8,934	8,711	9,027	9,576	10,597	12,155
S. ATLANT	30,367	29,096	32,653	40,335	52,841	60,008	49,301	49,256	59,119	61,860
Kentucky	2,486	1,864	1,083	738	918	1,221	1,286	1,357	1,012	732
Tenn	3,147	3,266	4,007	3,494	6,007	5,794	4,112	4,746	3,755	3,270
Alabama	1,703	1,471	2,225	1,643	3,147	2,737	2,449	2,050	1,645	2,839
Miss	3,180	2,081	2,331	2,087	2,878	2,515	1,332	872	824	717
Arkansas	2,142	1,766	2,770	2,186	3,005	2,816	2,316	2,213	1,798	2,454
Louisiana	212	338	172	104	199	136	65	35	22	35
Oklahoma	1,023	992	1,214	1,148	762	1,471	1,286	1,060	1,008	653
Texas	5,111	5,761	4,434	6,621	7,743	12,487	11,707	9,826	12,806	11,745
S. CENT	19,004	17,539	18,236	18,021	24,659	29,177	24,553	22,159	22,870	22,445
Montana	118	114	149	69	187	201	.....	.....	.....	.....
Idaho	5,971	6,330	7,198	8,167	14,937	16,098	14,691	10,190	13,779	14,214
Wyoming	198	172	118	167	264	545	.....	.....	.....	.....
Colorado	2,558	2,205	2,524	2,653	3,728	3,165	3,199	3,322	3,743	3,322
New Mexico	245	340	141	270	504	602	675	743	360	210
Arizona	198	173	201	216	425	631	456	205	305	216
Utah	1,981	1,838	1,698	1,012	2,168	2,497	2,066	1,680	1,601	2,308
Wash	19,450	18,372	19,287	28,648	51,302	53,946	43,073	38,340	47,592	57,366
Oregon	26,429	27,584	30,316	38,865	76,040	54,917	47,788	49,478	51,650	58,374
California	124,196	153,072	180,470	226,965	409,460	492,039	312,119	461,542	374,927	475,019
WESTERN	181,344	210,200	242,102	307,032	559,015	624,641	424,067	565,500	493,957	611,029
T. U.S. PROC	410,189	439,980	466,633	550,632	929,785	1,036,635	786,606	945,180	874,675	1,026,696

*Includes lima beans, snap beans, beets, cabbage/kraut, sweet corn, cucumbers for pickles, green peas, spinach, tomatoes.

VEGETABLE CROPS FOR PROCESSING & FRESH MARKET

ASPARAGUS—HARVESTED ACREAGE—1,000 ACRES (Rounded)*

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Spring:										
California	42.9	43.0	45.7	45.0	44.1	38.2	33.9	30.3	28.0	26.4
Late Spring:										
New Jersey	16.3	14.9	13.8	10.4	6.8	4.6	3.3	2.3	1.9	1.6
Delaware	n.a.	n.a.	3.5	3.3	3.3	(a)	(a)	(a)	(a)	(a)
Maryland	3.8	4.0	3.7	3.6	3.0	(a)	(a)	(a)	(a)	(a)
Illinois	9.6	9.5	9.4	8.7	7.2	6.8	5.2	4.5	4.2	3.1
Michigan	12.4	13.5	14.5	15.4	17.0	17.8	18.0	17.3	17.3	17.0
Washington	17.7	19.0	21.7	22.0	23.4	21.0	20.4	20.2	21.0	22.0
Oregon	1.2	1.3	1.1	1.3	1.1	(a)	(a)	(a)	(a)	(a)
Other States	8.4	9.0	5.7	5.7	6.6	14.2	11.8	11.2	9.0	9.1
Group Total	69.4	71.2	73.4	70.4	68.4	64.4	58.7	55.5	53.4	52.8
TOT. U.S.	112.3	114.2	119.1	115.4	112.5	102.6	92.6	85.8	81.4	79.2
PROCESSING	79.2	84.5	87.3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
FRESH MKT	33.1	29.7	31.7	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

*For both fresh market and processing. (a) Included in "Other States". n.a. - Not available.

ASPARAGUS—YIELD PER ACRE—HUNDREDWEIGHT*

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Spring:										
California	31	32	34	28	29	28	37	37	28	35
Late Spring:										
New Jersey	20	16	13	12	13	14	13	14	14	17
Delaware	n.a.	n.a.	13	12	13	8	(a)	(a)	(a)	(a)
Maryland	16	16	16	14	(a)	(a)	(a)	(a)	(a)	(a)
Illinois	17	13	15	12	12	14	9	11	9	11
Michigan	16	14	15	16	15	11	10	11	13	13
Washington	29	33	27	28	29	27	32	33	32	26
Oregon	21	25	25	21	20	(a)	(a)	(a)	(a)	(a)
Other States	16	15	13	13	14	11	11	11	9	9
U.S. AVG	25	24	24	22	23	21	25	25	22	24

*For both fresh market and processing. (a) Included in "Other States" n.a. - Not available.

ASPARAGUS—PRODUCTION—1,000 TONS (Rounded)**

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Spring:										
California	32.6	39.1	42.5	30.0	33.6	20.7	26.5	28.0	12.8	22.2
Late Spring:										
New Jersey	10.0	6.8	4.4	2.6	1.2	.4	(a)	(a)	(a)	(a)
Delaware	n.a.	n.a.	2.3	2.0	2.2	1.4	(a)	(a)	(a)	(a)
Maryland	3.0	3.1	2.8	2.4	(a)	(a)	(a)	(a)	(a)	(a)
Illinois	7.7	5.8	6.6	4.7	3.9	4.3	2.0	2.1	1.6	1.4
Michigan	9.1	8.9	10.2	11.5	12.1	8.8	8.0	8.9	10.5	10.1
Washington	21.6	27.1	25.8	27.0	28.6	22.8	26.8	28.9	29.4	25.4
Oregon	1.3	1.6	1.4	1.4	1.0	(a)	(a)	(a)	(a)	(a)
Other States	5.5	5.7	2.7	2.9	6.7	5.1	5.9	5.6	3.8	3.6
Group Total	58.0	58.9	56.0	54.3	55.5	42.7	42.7	45.4	45.3	40.4
Canning	64.9	67.2	61.7	61.8	74.7	43.2	41.3	48.5	42.2	37.9
For Freezing	25.7	30.7	36.8	22.5	14.3	20.2	27.9	24.9	15.8	24.7
PROCESSING	90.6	97.9	98.5	84.3	89.0	63.4	69.2	73.4	58.0	62.6
FRESH MKT	47.2	41.7	46.1	43.0	41.2	43.7	46.0	35.7	33.4	30.5
TOT. U.S.	137.8	139.6	144.6	127.3	130.2	107.1	115.2	109.1	91.4	93.1

n.a.—Not available. **For processing only. (a) Included in "Other States".

ASPARAGUS—VALUE PER TON**—DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Spring:										
California	372.00	398.00	426.00	443.00	474.00	475.00	494.00	594.00	683.00	838.00
Late Spring:										
New Jersey	437.00	451.00	463.00	515.00	506.00	(a)	(a)	(a)	(a)	(a)
Delaware	n.a.	n.a.	419.00	462.00	532.00	(a)	(a)	(a)	(a)	(a)
Maryland	364.00	416.00	448.00	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Illinois	305.00	320.00	447.00	553.00	627.00	501.00	528.00	638.00	798.00	912.00
Michigan	414.00	480.00	538.00	572.00	666.00	476.00	645.00	868.00	1,120.00	1,137.00
Washington	356.00	401.00	420.00	440.00	508.00	508.00	532.00	615.00	670.00	863.00
Oregon	348.00	382.00	396.00	428.00	489.00	(a)	(a)	(a)	(a)	(a)
Other States	374.00	396.00	429.00	483.00	556.00	588.00	603.00	612.00	868.00	929.00
For Canning	381.00	419.00	457.00	486.00	532.00	516.00	560.00	650.00	754.00	896.00
For Freezing	354.00	376.00	410.00	427.00	493.00	469.00	501.00	614.00	816.00	914.00
U.S. AVG.	373.00	406.00	439.00	471.00	526.00	501.00	536.00	638.00	771.00	903.00

ASPARAGUS—TOTAL VALUE**—1,000 DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Spring:										
California	12,109	15,542	18,105	13,290	15,903	9,809	13,066	16,632	8,708	18,604
Late Spring:										
New Jersey	4,370	3,067	2,014	1,339	607	200	(a)	(a)	(a)	(a)
Delaware	n.a.	n.a.	964	924	1,144	849	(a)	(a)	(a)	(a)
Maryland	1,074	1,290	1,254	1,109	(a)	(a)	(a)	(a)	(a)	(a)
Illinois	2,333	1,840	2,928	2,571	2,414	2,154	1,056	1,308	1,277	1,231
Michigan	3,767	4,272	5,461	6,549	8,025	4,165	5,160	7,682	11,760	11,461
Washington	7,690	10,847	10,815	11,858	14,503	11,582	14,258	17,774	19,698	21,920
Oregon	435	611	535	578	465	(a)	(a)	(a)	(a)	(a)
Other States	2,039	2,237	1,182	1,428	3,727	2,982	3,557	3,395	3,254	3,317
Group Total	21,708	24,164	25,153	26,356	30,885	21,932	24,031	30,159	35,989	37,929
For Canning	24,745	28,152	28,185	30,064	39,735	22,284	23,119	31,503	31,793	33,939
For Freezing	9,072	11,554	15,073	9,582	7,053	9,457	13,978	15,288	12,904	22,594
PROCESSING	33,817	39,706	43,258	39,646	46,788	31,741	37,097	46,791	44,697	56,533

**For processing only. (a) Included in Other States.

Processing Times • Temperatures • Procedures

Just a part of the hundreds of topics
Covered in

A COMPLETE COURSE IN CANNING

800 Pages 11th edition – $60.00 Tel. 301-467-3338

THE CANNING TRADE, INC.

2619 Maryland Ave. • Baltimore, Md. 21218 USA

BROCCOLI—HARVESTED ACREAGE*—1,000 ACRES (Rounded)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Winter										
Arizona	.6	.5	.6	.5	.5	.4	.4	.4	.4	.8
California	10.3	9.5	10.9	10.0	11.9	10.8	13.0	12.9	15.0	16.5
Texas	2.3	1.6	1.9	1.5	.9	.7	.5	.8	1.7	.5
Spring										
California	8.8	10.3	11.5	12.3	11.9	13.0	14.8	23.0	15.9	19.0
Summer										
California	6.2	6.7	8.3	11.3	7.4	8.8	6.7	11.1	14.2	14.5
Oregon	2.8	3.4	3.3	2.6	2.1	1.9	.9	.9	.9	.9
Fall										
Arizona	.5	.6	.4	.3	.3	.3	.3	.5	.4	.3
California	8.8	9.6	10.1	15.4	14.4	13.8	15.9	20.8	19.3	18.0
Texas	.5	.4	.3	.2	.1	.1	.4	.5	.5	.7
N.Y. & N.J.	.3	.3	.....	.....	.....	.....	.....	.....	.....	.....
TOT. U.S.	41.1	42.8	47.3	53.9	49.4	49.7	52.8	70.9	68.3	71.1

BROCCOLI—YIELD PER ACRE*—HUNDREDWEIGHT

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Winter										
Arizona	67	60	60	50	50	55	50	55	53	60
California	85	86	87	70	80	100	85	85	70	82
Texas	20	37	50	39	39	26	67	65	64	47
Spring										
California	90	90	95	65	90	85	90	85	87	95
Summer										
California	75	65	65	55	70	65	75	75	75	76
Oregon	71	62	74	78	78	84	81	86	84	100
Fall										
Arizona	60	60	50	50	60	70	50	60	54	55
California	75	65	65	70	80	70	75	77	86	75
Texas	37	50	30	36	40	30	50	50	26	50
N.Y. & N.J.	53	48	.....	.....	.....	.....	.....	.....	.....	.....
U.S. AVG.	76	74	77	65	80	79	81	80	79	82

BROCCOLI—PRODUCTION**—1,000 TONS (Rounded)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
California	97.9	83.3	98.4	89.4	108.6	87.9	100.2	150.9	131.4	136.7
Other States	10.2	11.0	15.1	10.9	8.6	7.4	2.6	5.3	6.3	4.4
PROCESSING	108.1	94.3	113.5	100.3	117.2	95.3	102.8	156.1	137.6	141.0
FRESH MKT.	48.9	64.3	68.8	74.9	79.5	101.8	111.7	128.6	132.4	149.9
TOT. U.S.	156.9	158.6	182.2	175.1	196.7	197.0	214.5	284.7	270.0	290.9

BROCCOLI—VALUE PER TON**—DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
California	160.00	175.00	177.00	190.00	242.00	252.00	252.00	272.00	296.00	320.00
Other States	177.00	181.00	175.00	183.00	277.00	261.00	180.00	220.00	225.00	276.00
U.S. PROC. AV.	161.00	176.00	176.00	189.00	245.00	253.00	250.00	270.00	293.00	319.00

BROCCOLI—TOTAL VALUE**—1,000 DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
California	15,616	14,584	17,377	16,967	26,269	22,138	25,250	41,031	38,880	43,728
Other States	1,794	1,991	2,638	1,992	2,379	1,930	459	1,155	1,409	1,202
U.S. PROC.	17,410	16,575	20,015	18,959	28,648	24,068	25,709	42,186	40,289	44,930

*For fresh market and processing.

**For processing only.

VEGETABLE CROPS FOR PROCESSING & FRESH MARKET—Cont.

CARROTS—HARVESTED ACREAGE*—1,000 ACRES (Rounded)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Winter	*23.2*	*20.5*	*21.4*	*20.2*	*22.1*	*18.0*	*20.3*	*16.7*	*17.8*	*18.0*
Arizona	.8	.8	1.2	1.5	.6	.5	.5	.6	.7	.6
Calif. Des. †	3.3	3.3	3.7	4.8	5.3	4.4	4.4	4.0	3.8	3.6
Calif. Other	2.1	2.2	2.9	3.4	5.6	4.1	4.9	4.1	4.1	4.8
Texas	17.0	14.2	13.6	10.5	10.6	9.0	10.5	8.0	9.2	9.0
Spring	*17.9*	*13.5*	*15.9*	*18.7*	*17.1*	*14.6*	*17.3*	*15.0*	*15.9*	*16.2*
Arizona	1.9	1.8	2.6	2.3	1.8	1.0	1.5	1.2	1.3	1.4
Calif. Des. †	4.2	3.9	4.0	4.6	5.8	5.2	5.7	5.7	5.2	6.6
Calif. Other	3.6	3.4	4.7	4.8	4.4	4.8	4.8	4.9	4.7	5.5
Texas	8.2	4.4	4.6	7.0	5.1	3.6	5.3	3.2	4.7	2.7
Summer	*14.9*	*15.1*	*15.7*	*16.2*	*14.8*	*14.0*	*14.0*	*14.6*	*14.0*	*15.0*
Calif. Other	6.0	7.1	7.2	7.5	6.4	7.2	6.3	6.8	6.7	7.0
Colorado	1.1	1.0	1.0	1.2	1.4	1.0	1.0	1.0	1.0	1.0
Illinois	.5	.4	.4	.3	.3	.3	.3	.3	.4	.3
Michigan	2.6	2.7	2.9	3.1	2.9	2.7	3.3	3.0	3.2	3.4
Texas	2.4	1.6	1.5	1.1	.9	.8	.7	.8	.5	.6
Washington	.8	.7	1.0	1.6	1.5	.6	.7	1.0	1.0	.8
Wisconsin	1.5	1.6	1.7	1.4	1.4	1.4	1.7	1.7	1.2	1.9
Fall	*21.6*	*23.2*	*22.9*	*28.7*	*24.6*	*23.6*	*21.8*	*23.3*	*26.1*	*28.6*
Calif. Des.	.4	.8	1.0	.9	.8	.7	.7	.5	.8	1.0
Calif. Other	4.5	5.6	6.5	7.7	6.0	6.7	6.2	7.0	7.3	8.5
Michigan	2.2	2.5	1.9	3.0	2.7	1.9	2.7	2.6	2.9	3.2
Minnesota †	.9	.9	1.0	1.3	1.1	1.1	1.0	1.1	1.3	1.6
New York	1.7	1.9	1.5	1.8	1.7	1.7	1.8	1.9	1.9	1.9
Oregon	1.8	1.9	1.7	1.4	1.6	1.1	1.0	1.2	1.3	1.4
Texas	5.5	5.7	5.8	5.0	2.7	4.2	2.3	2.2	3.4	3.8
Washington	1.6	1.3	1.6	2.5	3.0	2.4	3.4	4.0	3.5	3.7
Wisconsin †	1.4	1.2	.6	3.1	2.6	2.0	1.6	1.8	2.5	2.6
Other States	1.7	1.4	1.3	2.1	2.4	1.7	1.2	1.0	1.2	.9
TOT. U.S.	77.6	72.3	75.8	83.8	78.6	70.2	73.4	69.5	73.7	77.8

*For both fresh market and processing.

CARROTS—YIELD PER ACRE*—HUNDREDWEIGHT

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Winter	*164*	*191*	*180*	*189*	*230*	*204*	*207*	*201*	*228*	*197*
Arizona	175	180	175	110	170	110	120	140	150	110
Calif. Des. †	240	280	270	245	265	245	240	260	250	270
Calif. Other	355	355	345	235	365	290	310	270	295	280
Texas	125	145	120	160	145	150	150	140	195	130
Spring	*198*	*240*	*244*	*201*	*265*	*246*	*227*	*228*	*211*	*229*
Arizona	180	195	170	110	165	100	110	150	115	125
Calif. Des †	240	275	275	285	315	240	245	190	200	210
Calif. Other	325	350	380	240	375	340	360	320	330	330
Texas	125	145	120	150	150	170	120	185	130	125
Summer	*285*	*306*	*316*	*304*	*327*	*325*	*295*	*322*	*274*	*307*
Calif. Other	330	355	370	315	355	365	300	345	245	330
Colorado	195	225	240	330	274	230	280	220	250	245
Illinois	230	220	230	210	280	240	300	350	295	310
Michigan	215	215	195	235	220	240	260	230	255	245
Texas	155	170	175	200	210	270	180	125	180	100
Washington	445	390	460	395	430	320	345	435	420	385
Wisconsin	435	415	400	370	450	405	375	470	420	400
Fall	*303*	*306*	*303*	*341*	*344*	*308*	*321*	*333*	*309*	*313*
Calif. Des	260	295	310	280	260	240	210	190	215	195
Calif. Other	355	345	340	375	350	290	250	285	270	270
Michigan	250	255	235	265	255	255	290	235	275	275
Minnesota †	450	470	430	427	300	280	450	485	425	380
New York	360	365	320	372	350	360	350	310	300	310
Oregon	445	430	480	470	394	441	445	440	345	470
Texas	152	154	147	132	153	156	186	155	180	160
Washington	415	390	450	495	465	465	455	475	400	435
Wisconsin †	415	435	440	430	500	445	390	465	410	430
Other States	259	307	328	365	337	336	359	336	430	441
U.S. AVG.	234	261	259	266	292	272	262	276	262	268

*For both fresh market & processing. †Excludes the following quantities not harvested or not marketed because of economic conditions - 1976, winter, Calif desert, 96,000 cwt - spring, Calif. desert, 147,000 cwt; 1977, fall, Wis. 5000 cwt; 1978, fall, Minn. 28,000 cwt, Wis. 9,000 cwt.

VEGETABLE CROPS FOR PROCESSING & FRESH MARKET—Cont.

CARROTS—PRODUCTION**—1,000 TONS (Rounded)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Michigan	6.6	7.5	7.5	16.8	12.1	10.9	22.3	13.0	26.3	(a)
Minnesota	15.7	16.9	16.6	21.1	12.9	11.2	19.7	20.7	22.2	17.7
New York	19.9	22.7	13.3	20.7	18.9	17.0	11.5	8.6	13.7	14.2
Wisconsin	50.6	50.7	41.0	82.9	80.0	59.3	53.5	76.7	68.8	(a)
NORTHERN	92.7	97.7	78.4	141.5	123.9	98.3	107.0	118.9	130.9	31.9
California	124.6	126.2	123.8	160.8	183.6	110.6	102.2	139.4	113.3	169.6
Oregon	35.4	36.2	36.8	28.7	27.1	20.4	17.5	22.6	19.5	27.6
Texas	45.1	50.9	42.9	26.4	29.5	21.3	30.0	22.0	44.7	18.8
Washington	44.8	30.4	49.5	79.0	79.4	48.5	59.0	96.2	80.8	80.9
WESTERN	249.9	243.7	253.0	294.9	319.6	200.8	208.6	280.2	258.3	296.9
OTHER STATES	17.7	18.4	20.4	35.1	38.3	26.3	21.6	17.7	27.2	139.7
PROCESSING	360.2	359.8	351.7	471.4	481.8	325.3	337.1	416.8	416.3	468.4
FRESH MKT.	547.6	583.6	628.6	642.9	664.5	628.4	625.3	543.6	548.2	574.2
TOT. U.S.	907.8	943.3	980.3	1,114.2	1,146.2	953.7	962.4	960.4	964.5	1,042.5

CARROTS—VALUE PER TON**—DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Michigan	26.00	23.40	25.00	35.20	68.50	70.00	41.20	51.30	49.10	n.a.
Minnesota	16.00	17.60	18.60	20.40	32.40	32.00	32.20	33.10	33.50	44.00
New York	27.20	27.40	31.60	32.80	48.80	50.80	50.30	44.60	46.50	47.70
Wisconsin	21.00	22.40	24.20	23.40	46.30	46.60	44.30	56.30	57.80	n.a.
California	31.20	35.70	30.50	30.50	35.30	44.90	40.30	49.50	55.00	51.30
Oregon	18.40	17.80	20.00	26.60	39.40	28.10	32.00	36.40	33.60	36.40
Texas	48.60	49.80	50.40	58.00	67.50	37.70	41.70	31.80	33.70	36.30
Washington	19.20	16.80	17.80	20.60	31.90	43.30	32.00	30.60	31.70	29.40
Other States	31.40	13.70	31.30	29.60	36.30	38.10	41.30	44.20	52.50	57.10
U.S. PROC. AV.	28.20	30.50	28.70	28.60	40.10	43.60	39.20	43.70	45.70	47.40

CARROTS—TOTAL VALUE**—1,000 DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Michigan	170	174	188	592	829	763	919	667	1,291	(a)
Minnesota	251	297	308	429	418	358	634	685	744	777
New York	541	622	420	678	922	861	576	381	635	677
Wisconsin	1,062	1,135	992	1,940	3,704	2,761	2,370	4,315	3,975	(a)
NORTHERN	2,024	2,228	1,908	3,639	5,873	4,743	4,499	6,048	6,645	1,454
California	3,889	4,508	3,773	4,904	6,479	4,966	4,119	6,900	6,232	8,698
Oregon	651	644	735	765	1,068	573	558	823	655	1,006
Texas	2,192	2,530	2,163	1,528	1,991	803	1,251	700	1,506	682
Washington	859	511	881	1,627	2,533	2,098	1,886	2,944	2,560	2,378
WESTERN	7,591	8,193	7,552	8,824	12,071	8,440	7,814	11,367	10,953	12,764
OTHER STATES	555	564	638	1,039	1,390	1,000	889	783	1,426	7,969
U.S. PROC.	10,170	10,985	10,098	13,502	19,334	14,183	13,202	18,198	19,024	22,187

**For Processing Only. (a) Included in "OTHER STATES".

CAULIFLOWER—HARVESTED ACREAGE*—1,000 ACRES (Rounded)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Winter	*5.1*	*4.8*	*6.0*	*5.8*	*5.2*	*5.2*	*6.9*	*7.1*	*5.8*	*8.2*
Arizona	.6	.7	1.0	.9	.7	.9	.8	1.1	1.0	1.8
California	4.2	3.9	4.7	4.3	4.1	4.2	6.0	5.9	4.3	6.0
Texas	.3	.2	.3	.6	.4	.1	.2	.1	.5	.4
Spring	*3.8*	*4.4*	*4.2*	*3.9*	*4.6*	*4.6*	*5.2*	*5.9*	*5.2*	*6.8*
California	3.8	4.4	4.2	3.9	4.6	4.6	5.2	5.9	5.2	6.8
Summer	*5.5*	*4.0*	*5.7*	*8.2*	*8.0*	*6.6*	*7.3*	*8.0*	*11.1*	*11.3*
California	3.5	3.2	5.1	7.3	7.2	5.6	5.9	6.8	9.9	10.0
Michigan	.6	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	1.4	.8	.6	.9	.8	1.0	1.4	1.2	1.2	1.3
Washington	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fall	*9.7*	*11.8*	*12.1*	*14.0*	*14.5*	*15.6*	*14.2*	*16.4*	*19.5*	*16.1*
Arizona	.1	.1	.2	.1	.1	.3	.3	.3	.3	.3
California	6.1	7.3	7.6	9.1	9.9	10.6	9.4	11.4	14.0	10.3
Michigan	.7	.8	.8	.9	.9	.8	.6	.9	.6	.8
New York	1.1	1.7	1.8	1.8	1.8	2.2	1.7	1.8	2.0	2.3
Oregon	1.4	1.6	1.8	1.8	1.7	1.7	1.9	1.9	2.1	2.0
Texas	.3	.3	.....	.2	.1	.1	.4	.1	.5	.4
TOT U.S.	24.1	25.0	28.1	31.8	32.2	32.0	33.6	37.4	41.6	42.4

CAULIFLOWER—YIELD PER ACRE*—HUNDREDWEIGHT

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Winter	*90*	*94*	*100*	*62*	*77*	*78*	*83*	*74*	*71*	*83*
Arizona	76	65	54	60	60	65	60	68	68	89
California	95	100	112	60	80	80	85	75	70	85
Texas	53	75	64	75	69	115	100	91	80	18
Spring	*91*	*100*	*121*	*70*	*90*	*90*	*90*	*100*	*81*	*95*
California	91	100	121	70	90	90	90	100	81	95
Summer	*94*	*99*	*104*	*91*	*95*	*85*	*99*	*101*	*105*	*102*
California	97	100	106	90	95	85	105	105	110	105
Michigan	65	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	95	94	94	99	95	88	76	77	65	80
Washington	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fall	*101*	*99*	*106*	*112*	*101*	*103*	*93*	*109*	*95*	*104*
Arizona	67	70	47	50	65	65	60	60	55	72
California	100	100	105	115	105	100	85	105	90	100
Michigan	66	61	55	41	55	65	55	60	50	65
New York	135	108	116	111	104	110	115	125	100	105
Oregon	105	115	125	146	105	140	135	150	155	160
Texas	80	67	.....	65	60	90	57	70	18	39
U.S. AVG.	96	98	106	93	94	94	92	99	92	98

CAULIFLOWER—PRODUCTION**—1,000 TONS (Rounded)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
California	38.5	50.5	58.7	63.1	65.7	50.2	43.8	64.0	85.0	70.3
Michigan	2.1	.7	.8	.6	1.2	1.5	.2	1.4	(a)	(a)
New York	1.8	1.4	.8	1.3	1.0	1.4	.3	(a)	(a)	(a)
Other States	4.9	6.6	8.6	10.0	6.2	9.2	10.0	12.7	14.6	14.5
PROCESSING	47.2	59.1	68.9	74.9	74.0	62.2	54.1	78.1	99.6	84.8
FRESH MKT.	67.7	63.7	80.6	72.1	77.7	87.8	100.0	107.3	92.3	123.0
TOT. U.S.	114.9	122.8	149.5	147.0	151.7	149.9	154.1	185.4	191.8	207.8

CAULIFLOWER—VALUE PER TON**—DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
California	108.00	114.00	119.00	142.00	162.00	174.00	176.00	337.00	360.00	348.00
Michigan	58.00	81.40	88.00	93.50	121.00	130.00	133.00	132.00	(a)	(a)
New York	153.00	156.00	154.00	110.00	138.00	59.20	120.00	(a)	(a)	(a)
Other States	92.70	99.20	99.50	112.00	166.00	164.00	159.00	144.00	170.00	180.00
U.S. PROC. AV.	106.00	113.00	116.00	137.00	161.00	169.00	173.00	302.00	332.00	319.00

*For fresh market and processing. **For processing only. (a) Included in Other States.

CAULIFLOWER—TOTAL VALUE**—1,000 DOLLARS

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
California	4,169	5,764	6,959	8,961	10,635	8,726	7,700	21,568	30,582	24,464
Michigan	119	57	70	56	139	189	20	178	(a)	(a)
New York	268	211	123	137	138	80	30	(a)	(a)	(a)
Other States	454	655	856	1,123	1,029	1,509	1,583	1,825	2,482	2,615
TOT U.S. PROC .	5,010	6,687	8,008	10,277	11,941	10,504	9,333	23,571	33,064	27,079

**For processing only. (a) Included in Other States.

*SWEET POTATOES—HARVESTED ACREAGE—1,000 ACRES

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Maryland	2.1	2.0	1.9	1.8	1.8	1.8	1.6	1.6	1.4	1.4
New Jersey.....	1.8	1.5	1.5	1.6	2.0	2.2	2.3	2.4	2.6	2.7
Virginia	8.9	7.0	6.8	7.4	7.4	6.5	6.5	5.6	6.1	5.9
MID ATL	12.8	10.5	10.2	10.8	11.2	10.5	10.4	9.6	10.1	10.1
N. Carolina	24.0	23.0	24.0	25.0	29.0	31.0	33.0	33.0	37.0	41.0
S. Carolina	2.5	2.0	2.0	2.0	2.5	2.3	2.5	2.3	2.4	2.8
Georgia	7.0	7.0	7.2	6.2	6.5	6.0	5.9	5.5	6.0	6.0
LOWER ATL....	33.5	32.0	33.2	33.2	38.0	39.3	41.4	40.8	45.4	49.8
Alabama	4.8	5.0	4.8	4.5	5.5	5.8	5.5	5.3	5.5	5.7
Arkansas	1.7	1.6	1.5	1.5	1.7	1.5	1.5	1.6	1.6	1.6
Louisiana	42.0	35.0	33.0	33.0	33.0	30.0	29.0	27.0	28.0	28.0
Mississippi	11.0	10.0	10.0	9.5	9.0	9.5	9.0	8.0	9.0	8.8
Tennessee	2.8	2.3	2.3	3.2	3.0	3.0	2.9	2.8	2.8	2.8
Texas	13.0	10.5	12.5	9.5	10.0	10.0	10.5	9.5	9.5	9.4
S. CENTRAL....	75.3	64.4	64.1	61.2	62.2	59.8	58.4	54.2	56.4	56.3
California	5.7	5.7	5.8	6.4	6.7	7.3	7.6	7.8	8.7	9.5
U.S.†	127.3	112.6	113.3	111.6	118.1	116.9	117.8	112.4	120.6	125.6

*For fresh market and processing.

*SWEET POTATOES—YIELD PER ACRE—CWT

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Maryland	140	150	155	160	160	170	155	155	160	155
New Jersey.....	100	115	105	105	120	110	115	105	110	115
Virginia	117	138	124	145	135	150	145	125	140	130
N. Carolina	150	135	150	135	125	135	130	135	140	120
S. Carolina	75	75	90	80	91	87	86	91	105	100
Georgia	85	100	88	95	120	125	120	90	110	115
Alabama	83	85	85	85	100	90	90	85	100	110
Arkansas	80	80	85	75	75	80	78	76	79	75
Louisiana	90	85	100	90	105	85	95	90	95	95
Mississippi	90	95	85	100	90	95	90	85	88	90
Tennessee	95	90	90	95	90	100	105	100	100	105
Texas	80	75	65	90	85	115	105	95	110	125
California	115	110	130	145	165	140	155	150	160	165
U.S. AVG.	103	102	107	109	113	113	114	110	119	115

*For fresh market and processing.

*SWEET POTATOES—PRODUCTION—1,000 CWT

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Maryland	294	300	295	288	288	306	248	248	224	217
New Jersey	180	173	158	168	216	242	265	252	286	311
Virginia	1,041	966	843	1,073	999	975	943	700	854	767
MID ATL	1,515	1,439	1,296	1,529	1,527	1,523	1,456	1,200	1,364	1,295
N. Carolina	3,600	3,105	3,600	3,375	3,625	4,185	4,290	4,455	5,180	4,920
S. Carolina	188	150	180	160	228	200	215	209	252	280
Georgia	595	700	634	589	780	750	708	495	660	690
LOWER ATL	4,383	3,955	4,414	4,124	4,633	5,135	5,213	5,159	6,092	5,890
Alabama	398	425	408	383	550	522	495	451	550	627
Arkansas	136	128	128	113	128	120	117	122	126	120
Louisiana	3,780	2,975	3,300	2,970	3,465	2,550	2,755	2,430	2,660	2,660
Mississippi	990	950	850	950	810	903	810	680	792	792
Tennessee	266	207	207	304	270	300	305	280	280	294
Texas	1,040	788	813	855	850	1,150	1,103	903	1,045	1,175
S. CENTRAL	6,610	5,473	5,706	5,575	6,073	5,545	5,585	4,866	5,453	5,668
California	656	627	754	928	1,106	1,022	1,178	1,170	1,392	1,568
U.S.†	13,164	11,494	12,170	12,156	13,339	13,225	13,432	12,395	14,301	14,421

*For fresh market and processing.

*MUSHROOMS—PRODUCTION, SALES, USE, VALUE

Source: Pennsylvania Crop Reporting Service

Crop year beginning July 1 of year shown

	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Production Area—1,000 sq. ft.										
Pennsylvania	47,166	49,820	53,148	54,989	59,498	62,116	63,647	67,057	73,933	72,705
Other States	35,184	37,670	40,650	47,326	48,086	48,805	51,064	50,635	61,168	74,033
Total U.S.	82,350	87,490	93,798	102,315	107,584	110,921	114,711	117,692	135,101	146,738
Production—1,000 lbs.										
Pennsylvania	122,693	128,580	140,488	145,648	164,020	178,622	178,917	198,606	220,058	213,790
Other States	71,186	78,230	90,885	108,354	115,473	120,459	130,899	148,523	178,645	238,393
Total U.S.	193,879	206,810	231,373	254,002	279,493	299,081	309,816	347,129	398,703	452,183
Price Per Pound—Cents										
Pennsylvania	36.4	42.8	45.8	40.7	38.9	44.4	58.6	69.0	72.3	71.5
Other States	39.3	44.2	46.8	46.9	51.6	56.4	65.9	79.9	83.1	87.0
Value of Production—$1,000										
Pennsylvania	44,694	55,041	64,362	59,207	63,759	79,328	104,901	137,017	159,058	152,893
Other States	28,011	34,579	42,520	50,768	59,595	67,914	86,197	118,661	148,530	207,362
Total U.S.	72,705	89,620	106,882	109,975	123,354	147,242	191,098	255,678	307,588	360,255
Sales to Processors—1,000 lbs.										
Pennsylvania	83,431	96,178	105,647	110,984	117,684	119,136	114,327	135,823	144,798	152,568
Other States	48,333	52,363	59,403	66,290	59,516	53,827	53,368	60,059	62,825	71,301
Total U.S.	131,764	148,541	165,050	177,274	177,200	172,963	167,695	195,882	207,623	223,869
Price Per Lb. to Proc—Cents										
Pennsylvania	33.9	39.2	41.3	37.2	33.9	38.6	52.8	62.9	65.7	64.5
Other States	34.0	38.6	41.9	39.4	42.0	46.0	53.4	75.9	64.2	63.6
Value Proc. Sales—$1,000										
Pennsylvania	28,283	37,702	43,632	41,286	39,930	45,933	60,347	85,462	95,125	98,335
Other States	16,418	20,230	24,864	26,093	25,017	24,757	28,517	45,603	40,304	45,312
Total U.S.	44,701	57,932	68,496	67,379	64,947	70,690	88,864	131,065	135,429	143,647
Sales to Fresh Mkt—1,000 lbs.										
Pennsylvania	39,262	32,402	34,841	34,664	46,336	59,486	64,590	62,783	75,260	61,222
Other States	22,853	25,867	31,482	42,064	55,957	66,632	77,531	88,464	115,820	167,092
Total U.S.	62,115	58,269	66,323	76,728	102,293	126,118	142,121	151,247	191,080	228,314
Price Per lb. Fresh Mkt.—Cents										
Pennsylvania	41.8	53.5	59.5	51.7	51.4	56.1	69.0	82.1	84.9	89.1
Other States	50.7	55.5	56.1	58.7	61.8	64.8	74.4	82.6	93.4	97.0
Value Fresh Mkt. Sales—$1,000										
Pennsylvania	16,411	17,339	20,730	17,921	23,829	33,395	44,554	51,555	63,933	54,558
Other States	11,593	14,349	17,656	24,675	34,578	43,157	57,680	73,058	108,226	162,050
Total U.S.	28,004	31,688	38,386	42,596	58,407	76,552	102,234	124,613	172,159	216,608

*Filling intentions as of July 1, 1978 — Pennsylvania 74,935,000 sq. ft.; Other States 74,842,000 sq. ft.

FRUIT CROPS—UTILIZATION, PRICE, VALUE

Source: Crop Reporting Board, Statistical Reporting Service, U.S.D.A.

APPLES—UTILIZED PRODUCTION, PRICE, VALUE

State	Utilized production			Price per pound			Value of utilized prod.		
	1977	1978	1979	1977	1978	1979	1977	1978	1979
	Million pounds			Cents			1,000 Dollars		
Arkansas	23.5	13.0	22.0	8.8	10.9	11.9	2,068	1,417	2,618
California	480.0	500.0	510.0	7.8	9.2	9.1	37,440	46,000	46,410
Colorado	75.0	36.0	100.0	9.3	10.6	9.6	6,975	3,816	9,600
Connecticut	43.0	50.0	45.0	13.5	13.6	14.4	5,805	6,800	6,480
Delaware	13.5	14.5	13.0	10.4	9.3	9.7	1,404	1,349	1,261
Georgia	20.0	22.0	35.0	9.2	11.5	11.2	1,840	2,530	3,920
Idaho	85.0	130.0	115.0	14.9	14.7	15.9	12,665	19,110	18,285
Illinois	105.0	89.0	110.0	9.9	12.8	11.4	10,395	11,392	12,540
Indiana	50.3	59.8	78.0	10.6	13.6	12.3	5,332	8,133	9,594
Iowa	10.5	8.9	11.8	12.5	13.8	13.0	1,313	1,228	1,534
Kansas	16.0	10.0	14.1	8.8	11.1	10.6	1,408	1,110	1,495
Kentucky	19.8	14.2	20.3	10.7	12.6	13.0	2,119	1,789	2,639
Maine	88.0	75.0	86.0	11.9	13.2	15.0	10,472	9,900	12,900
Maryland	70.0	83.7	85.0	12.2	10.4	10.2	8,540	8,705	8,670
Massachusetts	92.0	105.0	95.0	12.8	13.8	14.6	11,776	14,490	13,870
Michigan	570.0	890.0	680.0	7.9	7.6	8.3	45,030	67,640	56,440
Minnesota	19.9	28.0	12.9	16.4	15.1	18.4	3,264	4,228	2,374
Missouri	58.0	40.0	70.0	12.0	15.3	13.2	6,960	6,120	9,240
New Hampshire	57.5	60.0	58.0	12.6	13.4	15.1	7,245	8,040	8,758
New Jersey	130.0	90.0	120.0	9.6	11.3	10.3	12,480	10,170	12,360
New Mexico	25.0	17.0	14.0	11.5	9.7	12.1	2,875	1,649	1,694
New York	900.0	1,080.0	940.0	8.6	8.5	9.9	77,400	91,800	93,060
North Carolina	264.0	322.0	343.0	8.7	7.9	8.0	22,968	25,438	27,440
Ohio	65.0	135.4	105.0	15.5	14.5	16.6	10,075	19,633	17,430
Oregon	147.0	142.0	140.0	9.2	11.1	10.8	13,524	15,762	15,120
Pennsylvania	460.0	400.0	505.0	9.1	8.9	9.1	41,860	35,600	45,955
Rhode Island	5.0	6.0	5.0	13.1	14.1	15.8	655	846	790
South Carolina	25.0	22.0	33.0	8.8	11.7	16.5	2,200	2,574	5,445
Tennessee	10.0	7.7	10.0	10.6	14.2	15.6	1,060	1,093	1,560
Utah	47.0	35.0	51.0	10.6	11.0	12.0	4,982	3,850	6,120
Vermont	44.0	49.0	49.0	12.5	12.8	15.6	5,500	6,272	7,644
Virginia	290.0	515.0	515.0	8.4	8.0	8.5	24,360	41,200	43,775
Washington	2,083.0	2,148.0	2,450.0	13.0	12.6	11.8	270,790	270,648	289,100
West Virginia	195.0	295.0	260.0	9.8	8.6	8.8	19,110	25,370	22,880
Wisconsin	56.0	61.0	49.0	12.5	12.1	13.2	7,000	7,381	6,468
United States	6,643.0	7,554.2	7,750.1	10.5	10.4	10.7	698,890	783,083	825,469

Come see us at the 1981 IEFP February 15–18, San Francisco

APPLES—UTILIZATION, PRICE—SELECTED STATES

	UTILIZATION (million pounds)				PRICE (dollars per ton)			
	1975	1976	1977	1978	1975	1976	1977	1978
California								
Canned	90.0	86.0	102.0	n.a.	79.00	96.00	152.00	n.a.
Juice/cider	125.0	159.0	197.0	165.0	71.00	85.00	149.00	143.00
Frozen	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried	n.a.	75.0	64.0	64.0	n.a.	75.00	147.00	156.00
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Proc.	330.0	370.0	405.0	360.0	79.00	89.20	146.00	153.00
Fresh	130.0	110.0	75.0	140.0	206.00	246.00	206.00	260.00
Michigan								
Canned	93.0	54.0	112.0	148.0	64.00	174.00	136.00	124.00
Juice/cider	180.0	136.0	143.0	237.0	42.00	90.00	92.00	90.00
Frozen	97.0	66.0	76.0	122.0	70.00	174.00	142.00	128.00
Dried	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	5.0	9.0	n.a.	33.0	60.00	84.00	n.a.	95.90
Total Proc.	375.0	265.0	345.0	540.0	55.10	128.00	117.00	108.00
Fresh	305.0	215.0	225.0	350.0	158.00	234.00	220.00	220.00
New York								
Canned	216.0	227.0	243.0	293.0	53.40	120.00	118.00	111.00
Juice/cider	161.0	204.0	205.0	250.0	36.40	77.20	78.00	86.60
Frozen	51.0	68.0	42.0	44.0	56.60	126.00	128.00	125.00
Dried	14.0	14.0	35.0	47.0	50.80	116.00	117.00	111.00
Other	13.0	12.0	15.0	21.0	45.00	135.00	120.00	123.00
Total Proc.	455.0	525.0	540.0	655.0	47.40	104.00	104.00	103.00
Fresh	405.0	295.0	360.0	425.0	236.00	256.00	274.00	270.00
Pennsylvania								
Canned	201.5	128.5	186.9	151.8	56.00	125.00	136.00	111.00
Juice/cider	62.2	69.2	89.9	70.3	46.00	82.00	92.00	88.00
Frozen	3.9	6.1	10.4	3.2	60.00	145.00	142.00	126.00
Dried	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	7.7	n.a.	n.a.	n.a.	36.00	n.a.	n.a.	n.a.
Total Proc.	275.3	207.5	293.9	241.1	53.00	110.00	124.00	103.00
Fresh	228.2	151.5	166.1	158.9	196.00	242.00	286.00	290.00
Virginia								
Canned	146.1	98.5	102.9	194.5	46.80	117.00	133.00	99.30
Juice/cider	65.7	34.5	71.2	132.7	32.00	78.00	86.00	86.00
Frozen	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Proc.	241.6	145.8	200.0	369.0	42.60	110.00	112.00	93.40
Fresh	153.4	66.2	90.0	146.0	192.00	244.00	290.00	328.00
Washington								
Canned	70.8	87.7	93.0	78.9	59.90	109.00	140.00	164.00
Juice/cider	313.7	261.3	257.0	265.0	67.70	122.00	150.00	170.00
Frozen	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried	130.3	130.7	121.0	97.5	59.00	123.00	130.00	176.00
Other	16.1	27.2	13.0	26.6	65.00	138.00	177.00	169.00
Total Proc.	530.9	507.0	484.0	468.0	64.30	121.00	144.00	170.00
Fresh	1,669.1	1,801.0	1,599.0	1,680.0	140.00	202.00	294.00	274.00
West Virginia								
Canned	81.3	80.0	65.6	111.2	46.80	108.00	140.00	105.00
Juice/cider	31.4	30.3	43.3	63.8	50.80	88.00	84.00	85.00
Frozen	7.3	14.1	7.1	9.4	58.00	135.00	137.00	110.00
Dried	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	4.3	1.7	4.6	8.5	37.80	88.00	96.00	82.00
Total Proc.	124.3	126.1	120.6	192.9	48.10	106.00	118.00	97.40
Fresh	91.7	73.9	74.4	102.1	190.00	270.00	322.00	312.00
United States								
Canned	1,026.7	919.9	1,074.9	1,223.6	57.50	120.00	133.00	119.00
Juice/cider	1,191.6	1,109.1	1,267.2	1,494.8	52.60	91.60	109.00	110.00
Frozen	206.6	220.4	160.9	207.4	73.10	143.00	138.00	126.00
Dried	229.5	229.3	225.5	221.0	65.50	105.00	132.00	154.00
Other	91.2	72.4	120.9	186.4	47.40	114.00	112.00	115.00
Total Proc.	2,745.6	2,551.1	2,849.4	3,333.2	56.80	108.00	122.00	117.00
Fresh	4,357.0	3,921.8	3,793.6	4,221.0	176.00	230.00	276.00	278.00

CHERRIES—UTILIZED* PRODUCTION, PRICE, VALUE

	†1971	†1972	†1973	†1974	†1975	†1976	†1977	†1978	†1979
SWEET VARIETIES									
Great Lakes States									
Fresh .....tons..	2,950	1,530	1,900	2,550	3,100	1,360	2,550	3,550	3,400
Canned .....do..	3,100	2,000	1,800	3,300	2,300	2,100	2,300	5,500	5,100
Brined .....do..	23,100	28,000	16,045	23,300	30,900	9,000	17,600	22,700	19,500
Total Used .....do..	30,800	32,690	21,060	31,330	38,660	16,080	25,150	39,250	29,500
Price per Ton	$209	$197	$301	$378	$254	$387	$426	$475	$436
Value $1,000	6,447	6,444	6,331	11,840	9,814	6,221	10,717	18,642	12,872
Washington									
Fresh .....tons..	27,600	15,700	35,900	30,800	35,500	43,300	34,800	39,400	47,500
Canned .....do..	2,600	2,070	4,320	5,000	2,700	3,600	3,000	2,400	3,600
Brined .....do..	3,700	3,240	4,150	3,800	3,700	2,700	3,400	12,900	14,200
Total Used .....do..	33,900	21,200	45,500	45,000	43,100	54,300	47,000	59,300	69,000
Price Per Ton-Fresh	$365	$520	$399	$464	$589	$359	$595	$879	$670
Price Per Ton-Proc.	$240	$213	$234	$297	$308	$297	$386	$620	$463
Price per Ton-All	$340	$440	$364	$411	$474	$346	$541	$792	$606
Value $1,000	11,526	9,328	16,562	18,495	20,429	18,788	25,427	46,966	41,814
Oregon									
Fresh .....tons..	7,800	8,500	9,000	6,500	11,000	9,500	7,000	8,900	8,600
Canned .....do..	4,400	3,600	5,200	5,900	3,550	4,700	4,800	4,400	5,800
Brined .....do..	20,350	6,475	20,600	17,950	19,200	22,400	22,400	18,850	21,300
Total Used .....do..	32,700	20,000	37,000	33,500	36,500	39,000	37,500	35,000	38,000
Price Per Ton-Fresh	$333	$613	$341	$432	$346	$383	$518	$700	$570
Price Per Ton-Proc.	$248	$277	$338	$359	$347	$340	$407	$607	$537
Price Per Ton-All	$268	$420	$339	$373	$347	$350	$428	$630	$544
Value $1,000	8,764	8,400	12,543	12,496	12,666	13,650	16,050	22,050	20,672
California									
Fresh .....tons..	21,000	14,000	26,400	20,300	20,800	32,000	20,600	11,000	18,000
Canned .....do..	1,800	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Brined .....do..	9,200	5,240	12,600	6,600	9,300	14,000	5,900	n.a.	15,500
Total Used .....do..	32,000	20,000	40,000	28,000	30,500	46,700	27,000	14,000	34,300
Price Per Ton-Fresh	$506	$682	$425	$700	$635	$530	$638	$1,070	$890
Price Per Ton-Proc.	$268	$315	$293	$429	$374	$296	$396	$797	$714
Price Per Ton-All	$424	$572	$380	$625	$552	$456	$581	$1,012	$806
Value $1,000	13,568	11,440	15,200	17,500	16,836	21,295	15,687	14,168	27,646
Other States									
Total Used .....do..	10,590	1,950	11,070	9,150	7,150	11,600	9,850	7,500	11,550
Price per Ton	$353	$532	$424	$407	$523	$388	$488	$732	$607
Value $1,000	3,742	1,037	4,695	3,726	3,739	4,496	4,805	5,489	7,013
United States									
Fresh .....tons..	68,627	41,668	82,839	67,516	77,500	95,110	72,400	67,340	85,400
Canned .....do..	11,858	8,070	12,203	15,124	9,240	11,220	10,540	12,800	14,850
Brined .....do..	58,365	43,155	54,843	53,600	63,890	51,390	52,110	59,650	74,000
Other Proc.....	1,140	2,947	4,745	10,740	5,280	9,960	11,450	15,260	8,100
Total Used .....do..	139,990	95,840	154,630	146,980	155,910	167,680	146,500	155,050	182,350
Price Per Ton-Fresh	$409	$589	$412	$538	$524	$431	$594	$858	$708
Price Per Ton-Proc.....	$224	$223	$296	$350	$296	$323	$400	$558	$511
Price Per Ton-All	$315	$382	$358	$436	$407	$384	$496	$692	$603
Value $1,000	44,047	36,649	55,331	64,057	63,484	64,450	72,686	107,315	110,017

*Utilization is the amount sold, plus quantities used at home or held in storage. Reference is to first utilization only. †In 1971 some small quantities used for juice, canned frozen etc. are included with brined. Beginning in 1972 those quantities are included in state totals, area totals and United States "Other Proc." but excluded from state and area processing breakdown. Some fresh market quantities included in United States figures are not available by area or state to avoid disclosure of individual operations.

Food Production/Management

(Formerly CANNING TRADE)

Annual Subscription $15.00

2619 Maryland Ave. • Baltimore, Md. 21218 USA

CHERRIES—UTILIZED PRODUCTION*, PRICE, VALUE, (Cont'd)

	†1971	†1972	†1973	†1974	†1975	†1976	†1977	†1978	†1979
TART VARIETIES									
New York									
Total Used ..... tons ..	20,500	14,600	10,200	8,100	12,500	7,150	5,900	9,450	13,650
Price per Ton ..... Dollars	198	166	356	390	210	492	590	858	924
Value $1,000	4,059	2,424	3,631	3,159	2,625	3,518	3,481	8,108	12,613
Pennsylvania									
Total Used ..... tons ..	6,350	5,550	3,150	6,550	5,750	3,800	3,200	3,100	3,150
Price per Ton ..... Dollars	226	174	396	396	228	516	596	834	992
Value $1,000	1,435	966	1,247	2,594	1,311	1,961	1,907	2,585	3,125
Ohio									
Total Used ..... tons ..	500	400	150	300	250	150	100	100	n.a.
Price per Ton ..... Dollars	230	216	500	482	440	666	1,000	1,200	n.a.
Value $1,000	115	86	75	145	110	100	100	120	n.a.
Michigan									
Fresh ..... tons ..	2,000	1,500	450	1,000	2,000	1,000	2,000	1,500	1,000
Canned ..... do ..	22,600	32,000	16,450	35,500	30,000	12,000	23,000	17,000	14,500
Frozen ..... do ..	61,500	68,000	39,200	63,200	56,000	31,000	55,000	45,000	34,000
Total Used ..... do ..	89,000	107,000	58,000	103,000	91,000	45,000	81,000	64,000	50,000
Price per Ton ..... Dollars	196	162	390	368	200	508	590	888	970
Value $1,000	17,444	17,334	22,620	37,904	18,200	22,860	47,790	56,832	48,500
Wisconsin									
Total Used ..... tons ..	8,350	4,600	2,400	5,200	4,850	2,950	6,100	5,750	7,300
Price per Ton ..... Dollars	208	178	414	364	214	518	578	912	902
Value $1,000	1,737	819	994	1,893	1,038	1,528	3,526	5,244	6,585
Total Great Lakes									
Total Used ..... tons ..	124,700	132,150	73,900	123,150	114,350	59,050	96,300	82,400	74,100
Price per Ton ..... Dollars	199	164	387	371	204	507	590	885	954
Value $1,000	24,790	21,629	28,567	45,695	23,284	29,967	56,804	72,889	70,823
Colorado									
Total Used ..... tons ..	1,600	500	1,000	1,250	1,600	1,650	1,150	650	850
Price per Ton ..... Dollars	196	236	384	374	234	396	486	832	884
Value $1,000	314	118	384	468	374	653	559	541	751
Utah									
Total Used ..... tons ..	6,700	650	8,500	5,800	5,000	8,500	5,600	5,650	8,500
Price per Ton ..... Dollars	160	204	334	370	190	474	572	780	872
Value $1,000	1,072	133	2,839	2,146	760	4,029	3,203	4,407	7,412
Oregon									
Total Used ..... tons ..	5,000	1,000	3,300	2,100	3,100	4,100	4,000	1,900	1,750
Price per Ton ..... Dollars	148	208	350	314	216	526	584	788	868
Value $1,000	740	208	1,155	659	670	2,157	2,336	1,497	1,519
Total Western States									
Total Used ..... tons ..	13,300	2,150	12,800	9,150	8,700	14,250	10,750	8,200	11,100
Price per Ton ..... Dollars	160	213	342	258	207	480	567	786	872
Value $1,000	2,126	459	4,378	3,273	1,804	6,839	6,098	6,445	9,682
United States									
Fresh ..... tons ..	4,400	3,150	2,700	2,200	3,600	3,000	3,300	2,500	2,150
Canned ..... do ..	37,200	42,000	23,000	44,850	40,800	18,600	31,400	23,750	22,950
Frozen ..... do ..	92,350	83,100	58,050	81,300	74,600	49,100	69,650	63,150	58,150
Other Proc. ..... do ..	4,050	6,050	2,950	3,950	4,050	2,600	2,700	1,200	1,950
Total Used ..... do ..	138,000	134,300	86,700	132,300	123,050	73,300	107,050	90,600	85,200
Price per Ton ..... Dollars	196	164	380	370	204	502	588	876	944
Value $1,000	26,916	22,088	32,945	48,968	25,088	36,806	62,902	79,334	80,505

*Utilized Production is the amount sold plus quantities used at home or held in storage. Reference is to first utilization only. †In 1971 some small quantities of tart varieties used for juice, jam, jellies, brining, etc. are included with canned. Beginning in 1972 those quantities are included in state totals, area totals and United States "Other Proc." but excluded from state and area processing breakdown.

NEED EQUIPMENT? SUPPLIES? SERVICES?
Check the Yellow Pages in back of This ALMANAC

ORANGES—UTILIZED PRODUCTION, USE, PRICE, VALUE*

	1970	1971	1972	1973	1974	1975	1976	1977	1978
FLORIDA									
Temple									
Fresh	2,232	1,783	2,445	1,925	1,908	2,329	1,184	2,049	2,135
Processed	2,768	3,517	2,655	3,375	3,392	3,171	2,616	2,851	2,565
Total Prod.	5,000	5,300	5,100	5,300	5,300	5,500	3,800	4,900	4,700
Price per Box	2.78	2.89	3.06	2.80	2.75	2.89	3.39	5.35	6.48
Value of Prod.	13,900	15,317	15,606	14,840	14,575	15,895	12,882	26,215	30,456
Other Early & Midseason									
Fresh	8,198	6,024	6,681	6,110	7,402	6,485	6,131	5,750	6,325
Processed	73,902	62,776	83,319	85,990	89,198	92,315	108,869	82,550	84,675
Total Prod.	82,100	68,800	90,000	92,100	96,600	98,800	115,000	88,300	91,000
Price per Box	1.93	2.87	2.48	2.46	2.46	2.69	2.99	5.15	6.13
Value of Prod.	158,453	197,456	223,200	226,566	237,636	265,772	343,850	454,745	557,830
Valencia									
Fresh	5,764	5,209	5,542	4,980	5,991	5,245	2,747	4,216	5,376
Processed	54,436	62,991	74,158	68,720	70,709	77,155	69,053	75,284	67,624
Total Prod.	60,200	68,200	79,700	73,700	76,700	82,400	71,800	79,500	73,000
Price per Box	2.79	3.01	2.76	2.67	2.82	2.88	3.73	5.65	6.63
Value of Prod.	167,958	205,282	219,972	196,779	216,294	237,312	267,814	449,175	483,990
Total Florida									
Fresh	16,194	13,016	14,668	13,015	15,301	14,059	10,062	12,015	13,836
Processed	131,106	129,284	160,132	158,085	163,299	172,641	180,538	160,685	154,864
Total Prod.	147,300	142,300	174,800	171,100	178,600	186,700	190,600	172,700	168,700
Price per Box	2.31	2.94	2.62	2.56	2.62	2.78	3.28	5.39	6.36
Value of Prod.	340,311	418,655	458,778	438,185	468,505	518,979	624,546	930,135	1,072,276
CALIFORNIA									
Navel & Misc.									
Fresh	14,200	16,600	12,500	17,400	20,300	20,600	19,270	15,200	14,300
Processed	3,200	5,700	6,200	4,500	7,600	7,700	6,330	4,800	6,500
Total Prod.	17,400	22,300	18,700	21,900	27,900	28,300	25,600	20,000	20,800
Price per Box	3.75	3.11	3.52	4.03	3.53	3.12	3.66	5.99	7.49
Value of Prod.	65,250	69,353	65,824	88,257	98,487	88,296	93,696	119,800	155,792
Valencia									
Fresh	11,100	10,820	11,600	11,900	15,300	13,600	13,300	13,600	10,300
Processed	8,500	10,280	11,800	6,600	11,800	10,900	6,400	9,000	6,100
Total Prod.	19,600	21,100	23,400	18,500	27,100	24,500	19,700	22,600	16,400
Price per Box	2.83	2.55	2.83	3.71	2.93	2.80	3.94	5.76	6.93
Value of Prod.	55,468	53,805	66,222	68,635	79,403	68,600	77,618	130,176	113,652
Total California									
Fresh	25,300	27,420	24,100	29,300	35,600	34,200	32,570	28,800	24,600
Processed	11,700	15,980	18,000	11,100	19,400	18,600	12,730	13,800	12,600
Total Prod.	37,000	43,400	42,100	40,400	55,000	52,800	45,300	42,600	37,200
Price per Box	3.26	2.84	3.14	3.88	3.23	2.97	3.78	5.87	7.24
Value of Prod.	120,718	123,158	132,046	156,892	177,890	156,896	171,314	249,976	269,444
ARIZ. & TEX.									
Fresh	4,639	4,782	6,074	4,497	5,360	4,310	5,720	5,805	3,740
Processed	5,491	6,268	6,786	5,513	4,150	4,470	5,130	3,915	5,560
Total Prod.	10,130	11,050	12,860	10,010	9,510	8,780	10,850	9,720	9,300
Price per Box	1.62	3.61	2.18	2.04	2.31	2.13	2.60	4.60	4.77
Value of Prod.	16,377	23,473	28,087	20,454	21,939	18,737	28,218	44,761	44,359
UNITED STATES									
Fresh	46,133	45,218	44,842	46,812	56,261	52,569	48,352	46,620	42,176
Processed	148,297	151,532	184,918	174,698	186,849	195,711	198,398	178,400	173,024
Total Prod.	194,430	196,750	229,760	221,510	243,110	248,280	246,750	225,020	215,200
Price per Box	2.46	2.87	2.69	2.78	2.75	2.80	3.34	5.44	6.44
Value of Prod.	477,406	564,686	618,911	615,531	668,334	694,612	824,078	1,224,872	1,386,079

*Season beginning year shown. Quantities are in units of 1,000 boxes. Price per Box in dollars, and Value of Production in thousands of dollars. Net weight per box-Florida-90 pounds; California and Arizona-75 pounds; Texas thru 1970-90 pounds, beginning 1971-85 pounds.

PROCESSED FLORIDA ORANGES*

	1970	1971	1972	1973	1974	1975	1976	1977	1978
Frozen Conc.	103,521	104,399	132,210	132,469	135,512	144,526	148,731	132,222	130,171
Chilled Juice	19,772	19,509	20,465	20,405	22,761	24,006	27,250	25,345	22,781
Chilled Sec. & Salads	703	535	654	605	526	621	378	382	315
Other Processed	8,834	7,726	8,949	7,518	7,580	7,580	8,812	8,077	6,549
TOTAL	132,830	132,169	162,278	160,997	166,379	176,733	185,171	166,026	159,816

*Season beginning year shown. Quantities are in units of 1,000 boxes, net weight 90 lbs. per box. Includes tangelos, temples & honey tangerines thru 1974. Beginning 1975 also includes tangerines and K-Early citrus.

GRAPEFRUIT—UTILIZED PRODUCTION, USE, PRICE, VALUE*

	1970	1971	1972	1973	1974	1975	1976	1977	1978
FLORIDA									
Pink Seedless									
Fresh	7,029	7,816	7,258	7,845	7,642	8,945	6,524	8,927	9,540
Processed	3,871	4,484	4,442	4,355	3,858	4,055	5,976	5,373	3,760
Total Prod	10,900	12,300	11,700	12,200	11,500	13,000	12,500	14,300	13,300
Price per Box	2.83	3.41	3.33	3.06	3.48	3.16	2.99	3.14	4.20
Value of Prod	30,847	41,943	38,961	37,332	40,020	41,080	37,375	44,902	55,860
White Seedless									
Fresh	7,452	8,938	9,507	10,748	11,008	11,315	9,805	9,026	10,179
Processed	12,748	14,862	13,993	15,152	14,892	16,985	20,095	19,674	19,221
Total Prod	20,200	23,800	23,500	25,900	25,900	28,300	29,900	28,700	29,400
Price per Box	2.57	2.99	2.85	2.49	2.44	2.19	2.43	2.52	3.12
Value of Prod	51,914	71,162	66,975	64,491	63,196	61,977	72,657	72,324	91,728
Other Varieties									
Fresh	479	285	281	138	147	109	64	85	71
Processed	11,321	10,615	9,919	9,862	7,053	7,691	9,036	8,315	7,229
Total Prod	11,800	10,900	10,200	10,000	7,200	7,800	9,100	8,400	7,300
Price per Box	2.34	2.72	2.42	2.16	1.72	1.70	2.10	2.45	2.60
Value of Prod	27,612	29,648	24,684	21,600	12,384	13,260	19,110	20,580	18,980
Total Florida									
Fresh	14,960	17,039	17,046	18,731	18,797	20,369	16,393	18,038	19,790
Processed	27,940	29,961	28,354	29,369	25,803	28,731	35,107	33,362	30,210
Total Prod	42,900	47,000	45,400	48,100	44,600	49,100	51,500	51,400	50,000
Price per Box	2.57	3.03	2.88	2.57	2.59	2.37	2.51	2.68	3.33
Value of Prod	110,373	142,753	130,620	123,423	115,600	116,317	129,142	137,806	166,568
CALIFORNIA									
Desert Valleys									
Fresh	1,690	1,570	1,180	1,160	1,680	1,810	2,250	1,880	1,910
Processed	1,570	1,740	1,820	1,200	2,050	2,290	2,250	2,320	1,360
Total Prod	3,260	3,310	3,000	2,360	3,730	4,100	4,500	4,200	3,270
Price per Box	2.89	2.76	2.10	2.08	2.08	1.70	1.83	1.73	3.51
Value of Prod	9,421	9,136	6,300	4,909	7,758	6,970	8,235	7,266	11,478
Other Varieties									
Fresh	1,130	1,340	1,700	1,270	1,880	1,820	2,000	2,560	1,450
Processed	650	860	1,100	1,020	1,330	1,280	1,200	1,600	1,050
Total Prod	1,780	2,200	2,800	2,290	3,210	3,100	3,200	4,160	2,500
Price per Box	3.63	3.80	3.51	3.23	2.64	2.66	2.94	5.24	6.62
Value of Prod	6,461	8,360	9,828	7,397	8,474	8,246	9,408	21,798	16,550
Total California									
Fresh	2,820	2,910	2,880	2,430	3,560	3,630	4,250	4,440	3,360
Processed	2,220	2,600	2,920	2,220	3,380	3,570	3,450	3,920	2,410
Total Prod	5,040	5,510	5,800	4,650	6,940	7,200	7,700	8,360	5,770
Price per Box	3.15	3.18	2.78	2.65	2.34	2.11	2.29	3.48	4.86
Value of Prod	15,882	17,496	16,128	12,306	16,232	15,216	17,643	29,064	28,028
TEXAS									
Fresh	5,940	5,740	6,340	5,400	4,650	7,270	6,480	6,600	4,000
Processed	4,160	3,460	5,460	5,300	2,650	3,430	5,920	5,300	5,000
Total Prod	10,100	9,200	11,800	10,700	7,300	10,700	12,400	11,900	9,000
Price per Box	1.55	2.21	2.15	1.66	2.30	1.74	1.88	1.58	1.96
Value of Prod	15,655	20,332	25,370	17,762	16,790	18,618	23,312	18,802	17,640
ARIZONA									
Fresh	698	1,282	1,155	1,131	1,380	1,275	1,435	1,200	1,050
Processed	1,822	1,258	1,485	919	1,390	1,805	1,565	1,800	1,200
Total Prod	2,520	2,540	2,640	2,050	2,770	3,080	3,000	3,000	2,250
Price per Box	1.34	2.09	1.87	2.04	2.10	1.51	1.79	1.34	2.89
Value of Prod	3,377	5,309	4,937	4,182	5,817	4,651	5,370	4,020	6,503
UNITED STATES									
Fresh	24,418	26,971	27,421	27,692	28,387	32,544	28,558	30,278	28,200
Processed	36,142	37,279	38,219	37,808	33,223	37,536	46,042	44,382	38,820
Total Prod	60,560	64,250	65,640	65,500	61,610	70,080	74,600	74,660	67,020
Price per Box	2.40	2.89	2.70	2.41	2.51	2.21	2.35	2.54	3.26
Value of Prod	145,287	185,890	177,055	157,673	154,439	154,802	175,467	189,692	218,739

*Season beginning year shown. Quantities are in units of 1,000 boxes. Price per Box in dollars, and Value of Production in thousands of dollars. Net weight per box — Florida, 85 pounds; Texas, 80 pounds; Calif. Desert Valleys and Arizona, 64 pounds; Other Calif., 67 pounds.

PROCESSED FLORIDA GRAPEFRUIT*

	1970	1971	1972	1973	1974	1975	1976	1977	1978
Frozen Conc	6,819	8,725	8,212	8,732	7,779	8,987	13,020	13,999	13,276
Chilled Juice	2,348	3,206	2,908	2,715	3,332	3,919	4,331	4,363	3,162
Chilled Sections & Salads	1,091	994	1,209	1,118	967	1,054	934	917	771
Other Processed	17,682	17,036	16,025	16,804	13,725	14,771	16,822	14,083	13,001
TOTAL	27,940	29,961	28,354	29,369	25,803	28,731	35,107	33,362	30,210

*Season beginning year shown. Quantities are in units of 1,000 boxes, net weight 85 lbs. per box.

APRICOTS—UTILIZED PRODUCTION*, USE, PRICE, VALUE

	1971	1972	1973	1974	1975	1976	1977	1978	1979
WASHINGTON									
Fresh ..... tons ..	2,020	1,250	2,800	1,700	2,600	(a)	(a)	(a)	(a)
Processed ..... do ..	330	220	720	300	500	(a)	(a)	(a)	(a)
Total Used ..... do ..	2,350	1,470	3,520	2,000	3,100	2,600	2,600	2,700	2,500
Price per Ton ..... Dollars	127	213	211	341	307	328	342	279	336
Value $1,000	298	313	743	682	952	853	889	753	840
CALIFORNIA									
Fresh ..... tons ..	12,400	8,800	6,900	6,200	7,000	8,600	8,000	6,500	7,000
Canned ..... do ..	99,200	92,800	116,000	62,200	122,300	76,000	79,000	78,000	83,700
Dried ..... do ..	26,000	18,000	19,500	17,000	28,500	29,300	39,500	30,000	39,500
Frozen ..... do ..	6,400	6,400	9,600	5,600	14,200	10,100	10,500	8,500	9,800
Total Used ..... do ..	144,000	126,000	152,000	91,000	172,000	124,000	137,000	123,000	140,000
Price per Ton ..... Dollars	94	143	167	268	212	198	207	247	268
Value $1,000	13,464	18,018	25,384	24,388	36,464	24,552	28,359	30,381	37,520
UNITED STATES[1]									
Fresh ..... Tons ..	16,920	10,050	11,870	8,450	10,100	12,840	12,060	9,300	(a)
Canned ..... do ..	99,530	93,020	116,720	62,500	122,800	n.a.	n.a.	n.a.	n.a.
Dried ..... do ..	26,000	18,000	19,500	17,000	28,500	n.a.	n.a.	n.a.	n.a.
Frozen ..... do ..	6,400	6,400	9,600	5,600	14,200	n.a.	n.a.	n.a.	n.a.
Total Used ..... do ..	148,850	127,470	157,690	93,550	175,600	128,440	141,400	126,300	144,500
Price per Ton ..... Dollars	95	144	168	270	214	200	210	249	272
Value $1,000	14,112	18,331	26,442	25,281	37,609	25,703	29,696	31,410	39,320

*Utilized production is the amount sold plus quantities used at home or held in storage. Reference is to first utilization only. In Washington, some quantities used for juice, jam, dried or frozen are included with canned, and some quantities canned or otherwise processed are included with fresh to avoid disclosure of individual operations. [1]Includes Utah. (a) Not published to avoid disclosure of individual operations. n.a.-Not available.

CRANBERRIES—UTILIZED PRODUCTION*, USE, PRICE†, VALUE

	1971	1972	1973	1974	1975	1976	1977	1978	[1]1979
MASSACHUSETTS									
Fresh ..... 1,000 bbl ..	239.0	170.0	246.0	167.0	162.0	220.0	207.0	247.0	n.a.
Processed ..... do ..	441.0	600.0	563.0	491.0	508.0	630.0	576.0	833.0	n.a.
Shrinkage ..... do ..	57.0	49.0	92.0	274.0	115.0	85.0	92.0	100.0	n.a.
Production Used ..... do ..	737.0	819.0	901.0	932.0	785.0	935.0	875.0	1,180.0	1,080.0
Price per bbl ..... Dollars	10.70	12.60	13.60	10.70	13.00	13.40	17.70	21.60	n.a.
Value $1,000	7,886	10,319	12,254	9,972	10,205	12,529	15,488	25,488	23,328
Harvested Acres	11,200	11,200	11,200	11,200	11,200	11,200	11,200	11,200	11,200
Yield per Acre ..... bbl ..	95.7	73.1	80.4	83.2	70.1	83.5	78.1	105.4	96.4
NEW JERSEY									
Fresh ..... 1,000 bbl ..	1.0	.5	.5	.5	.....	.....	.....	.....	n.a.
Processed ..... do ..	174.0	191.5	222.0	244.5	216.0	269.7	153.4	218.5	n.a.
Shrinkage ..... do ..	3.0	4.0	5.5	5.0	5.0	6.3	3.6	4.5	n.a.
Production Used ..... do ..	178.0	196.0	228.0	250.0	221.0	276.0	157.0	223.0	253.0
Price per bbl ..... Dollars	11.00	12.60	13.70	10.60	13.30	13.50	18.80	21.70	n.a.
Value $1,000	1,958	2,470	3,124	2,650	2,939	3,726	2,952	4,839	5,490
Harvested Acres	3,100	3,000	3,200	3,200	3,100	3,100	3,000	3,000	3,000
Yield per Acre ..... bbl ..	76.5	65.3	71.3	78.1	71.3	89.0	52.3	74.3	84.3
WISCONSIN									
Fresh ..... 1,000 bbl ..	135.0	122.0	118.0	119.0	126.0	147.0	157.0	142.0	n.a.
Processed ..... do ..	399.0	557.0	507.0	601.0	531.0	710.0	554.0	652.0	n.a.
Shrinkage ..... do ..	18.0	126.0	131.0	150.0	180.0	147.0	143.0	28.0	n.a.
Production Used ..... do ..	552.0	805.0	756.0	870.0	837.0	1,004.0	854.0	822.0	900.0
Price per bbl ..... Dollars	10.70	12.40	13.30	11.70	13.00	13.50	18.30	21.30	n.a.
Value $1,000	5,906	9,982	10,055	10,179	10,881	13,554	15,628	17,509	19,170
Harvested Acres	6,300	6,500	6,700	7,000	7,000	6,800	6,400	7,000	7,100
Yield per Acre ..... bbl ..	117.8	123.8	112.8	124.3	119.6	147.6	133.4	117.4	126.8
WASHINGTON									
Fresh ..... 1,000 bbl ..	26.0	29.0	34.0	30.2	22.6	39.8	41.5	15.0	n.a.
Processed ..... do ..	76.0	115.0	81.0	59.2	92.7	57.0	91.1	119.7	n.a.
Shrinkage ..... do ..	2.0	10.0	3.0	2.6	19.7	6.2	3.4	4.3	n.a.
Production Used ..... do ..	104.0	154.0	118.0	92.0	135.0	103.0	136.0	139.0	147.0
Price per bbl ..... Dollars	10.70	12.60	13.80	10.40	13.30	13.60	18.90	21.70	n.a.
Value $1,000	1,113	1,940	1,628	957	1,796	1,401	2,570	3,016	3,190
Harvested Acres	1,000	1,000	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Yield per Acre ..... bbl ..	145.0	154.0	107.3	83.6	122.7	93.6	123.6	126.4	133.6

*Does not include quantities set aside under marketing order or other quantities not utilized. Marketing order set asides exported however are included. †Equivalent returns at first delivery point. [1]Season average prices not available, 1978 prices used to compute 1979 value.

CRANBERRIES—UTILIZED PRODUCTION*, USE—Continued

	1971	1972	1973	1974	1975	1976	1977	1978	[1]1979
OREGON									
Fresh .....1,000 bbl..	.....	.....	.....	.8	.3	.2	.....	.....	n.a.
Processed .....do..	68.8	103.6	97.2	91.0	96.5	88.8	79.5	94.5	n.a.
Shrinkage .....do..	.....	.4	.1	.2	.3	.3	.7	.....	n.a.
Production Used .....do..	68.8	104.0	97.3	92.0	97.1	89.3	80.2	94.5	94.5
Price per bbl .....Dollars	10.70	12.60	13.60	10.40	13.30	13.60	18.90	21.70	n.a.
Value $1,000	736	1,310	1,323	957	1,291	1,214	1,516	2,051	2,051
Harvested Acres	810	890	900	900	900	880	840	860	800
Yield per Acre .....bbl..	84.9	116.9	108.1	102.2	107.9	101.5	95.5	109.9	118.1
UNITED STATES									
Fresh .....1,000 bbl..	401.0	321.5	398.5	317.5	310.9	407.0	405.5	404.0	n.a.
Processed .....do..	1,158.8	1,567.1	1,470.2	1,486.7	1,444.2	1,755.5	1,454.0	1,917.7	n.a.
Shrinkage .....do..	80.0	189.4	231.6	431.8	320.0	244.8	242.7	136.8	n.a.
Production Used .....do..	1,639.8	2,078.0	2,100.3	2,236.0	2,075.1	2,407.3	2,102.2	2,458.5	2,474.5
Price per bbl .....Dollars	10.70	12.50	13.50	11.00	13.10	13.50	18.10	21.50	n.a.
Value $1,000	17,599	26,021	28,384	24,715	27,112	32,424	38,154	52,903	53,229
Harvested Acres	22,410	22,590	23,100	23,400	23,300	23,080	22,540	23,160	23,200
Yield per Acre .....bbl..	101.1	92.0	90.9	95.6	89.1	104.3	93.3	106.2	106.7

See notes on preceding page.

CALIFORNIA OLIVES — UTILIZED PRODUCTION, PRICE, VALUE

	1971	1972	1973	1974	1975	1976	1977	1978	1979
Fresh .....Tons..	700	200	700	900	900	600	600	800	400
Crushed/Oil .....do..	4,900	700	4,300	3,100	3,800	3,700	2,300	7,300	2,900
Canned .....do..	39,600	20,000	54,300	46,700	53,300	65,500	32,300	99,100	52,300
Other[1] .....do..	9,800	3,300	10,700	7,800	9,000	10,200	7,800	18,800	3,400
Total Used .....do..	55,000	24,200	70,000	58,500	67,000	80,000	43,000	126,000	59,000
Price per Ton .....$..	148	415	392	434	336	330	403	303	398
Value $1,000	8,140	10,043	27,440	25,389	22,512	26,400	17,329	38,178	23,482

[1]California Spanish Green, Sicilian Styles, chopped, minced, brined and other cures.

PEACHES — UTILIZED PRODUCTION, PRICE, VALUE

	1971	1972	1973	1974	1975	1976	1977	1978	1979
North Atlantic[5]									
Fresh .....Mil. Lbs.	242.9	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned .....do..	12.3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried .....do..	(4)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Frozen .....do..	4.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other[1] .....do..	.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used .....do..	258.6	127.0	195.3	211.9	205.5	181.9	227.5	180.8	195.0
Price per lb .....cents	7.75	13.86	13.18	13.41	14.40	15.06	15.58	19.77	16.76
Value $1,000	20,029	17,602	25,741	28,426	29,602	27,389	35,440	35,752	32,673
South Atlantic[6]									
Fresh .....Mil. Lbs.	446.8	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned .....do..	66.4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried .....do..	.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Frozen .....do..	9.7	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other[1] .....do..	13.1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used .....do..	536.0	448.5	393.6	362.2	421.2	479.6	449.1	556.3	606.5
Price per lb .....cents	8.00	9.83	12.50	13.11	17.16	13.56	14.16	15.46	13.61
Value $1,000	42,863	44,109	49,185	47,496	72,270	65,046	63,571	86,024	82,536
North Central[7]									
Fresh .....Mil. Lbs.	147.7	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned .....do..	22.7	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried .....do..	.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Frozen .....do..	(3)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other[1] .....do..	.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used .....do..	170.4	45.2	88.5	103.0	148.0	107.0	88.0	105.0	75.0
Price per lb .....cents	7.44	12.88	12.94	13.71	14.76	15.67	16.52	17.63	20.42
Value $1,000	12,686	5,821	11,454	14,118	21,843	16,763	14,541	18,509	15,315
South Central[8]									
Fresh .....Mil. Lbs.	103.9	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned .....do..	(4)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried .....do..	.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Frozen .....do..	.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other[1] .....do..	.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used .....do..	103.9	127.8	88.4	68.5	97.0	108.1	123.1	126.4	128.5
Price per lb .....cents	8.67	9.71	12.96	16.47	16.19	14.10	13.38	15.93	17.78
Value $1,000	9,012	12,415	11,460	11,283	15,709	15,237	16,465	20,131	22,849

PEACHES — UTILIZED PRODUCTION, PRICE, VALUE — Continued

	1971	1972	1973	1974	1975	1976	1977	1978	1979
California — Clingstone									
Fresh .....Mil. Lbs.	2.6	2.4	2.0	3.0	3.0	4.0	4.0	4.6	2.4
Canned .....do..	1,140.0	1,084.0	1,121.0	1,433.8	1,263.4	1,182.0	1,379.0	1,094.0	1,299.2
Dried .....do..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Frozen .....do..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other .....do..	13.4	17.6	9.0	n.a.	9.6	8.0	10.0	11.4	8.4
Total Used .....do..	1,156.0	1,104.0	1,132.0	1,456.0	1,276.0	1,194.0	1,393.0	1,110.0	1,310.0
Price per lb .....cents	4.80	4.50	5.60	7.70	7.50	6.90	7.00	8.10	8.90
Value $1,000	55,488	49,680	63,392	112,112	95 700	82,386	97,510	89,910	116,590
California — Freestone									
Fresh .....Mil. Lbs.	179.2	163.0	169.0	222.0	205.0	262.0	254.0	224.0	274.0
Canned .....do..	135.4	105.0	136.0	152.0	112.0	78.0	76.0	65.0	74.0
Dried .....do..	29.8	24.0	24.0	29.0	38.0	30.0	42.0	35.0	33.0
Frozen .....do..	67.6	60.0	91.0	65.0	46.0	94.0	96.0	n.a.	n.a.
Other .....do..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total Used .....do..	412.0	352.0	420.0	468.0	401.0	464.0	468.0	394.0	468.0
Price per lb .....cents	4.70	5.90	6.50	7.90	7.00	7.40	8.90	11.50	10.90
Value $1,000	19,364	20,768	27,300	36,972	28,070	34,336	41,652	45,310	51,012
Total California									
Fresh .....Mil. Lbs.	181.8	165.4	171.0	225.0	208.0	266.0	258.0	228.6	276.4
Canned .....do..	1,275.4	1,189.0	1,257.0	1,585.8	1,375.4	1,260.0	1,455.0	1,159.0	1,373.2
Dried .....do..	29.8	24.0	24.0	29.0	38.0	30.0	42.0	35.0	33.0
Frozen .....do..	67.6	60.0	91.0	n.a.	46.0	94.0	96.0	n.a.	n.a.
Other .....do..	13.4	17.6	9.0	n.a.	9.6	8.0	10.0	11.4	8.4
Total Used .....do..	1,568.0	1,456.0	1,552.0	1,924.0	1,677.0	1,658.0	1,861.0	1,504.0	1,778.0
Price per lb .....cents	4.77	4.84	5.84	7.75	7.38	7.04	7.48	8.99	9.43
Value $1,000	74,852	70,448	90,692	149,084	123,770	116,722	139,162	135,220	167,602
Other Western[9]									
Fresh .....Mil. Lbs.	89.4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned .....do..	2.6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried .....do..	.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Frozen .....do..	.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other .....do..	13.4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used .....do..	105.4	45.0	94.9	86.7	100.2	107.8	103.5	84.2	88.5
Price per lb.....cents	6.78	10.87	11.09	11.90	12.38	11.84	12.14	15.44	17.44
Value $1,000	7,145	4,891	10,528	10,315	12,404	12,765	12,561	12,998	15,433
United States									
Fresh .....Mil. Lbs.	1,201.0	844.9	935.2	952.0	1,102.9	1,151.9	1,170.5	1,176.8	1,287.8
Canned .....do..	1,397.1	1,268.8	1,325.4	1,650.6	1,432.0	1,326.3	1,504.7	1,230.8	1,427.6
Dried .....do..	29.8	24.0	24.0	29.0	38.0	30.0	42.0	35.0	33.0
Frozen .....do..	86.3	65.3	104.9	78.1	52.7	109.8	109.8	69.8	93.5
Other .....do..	28.1	46.5	23.2	46.6	23.3	24.4	25.2	44.3	29.6
Total used .....do..	2,742.3	2,249.5	2,412.7	2,756.3	2,648.9	2,642.4	2,852.2	2,556.7	2,871.5
Price per lb.....cents	6.07	6.90	8.25	9.46	10.40	9.61	9.90	12.10	11.70
Value $1,000	166,587	155,286	199,060	260,722	275,598	253,922	281,740	308,634	336,408

[1]Used for jams, preserves, brandy, etc. [3]Some quantities dried or otherwise processed are included with canned. [4]Some quantities are included with fresh sales. [5]N.H., Mass., R.I., Conn., N.Y., N.J., Pa. [6]Del., Md., Va., W. Va., N.C., S.C., and Ga. [7]Ohio, Ind., Ill., Mich., Mo., Kan. [8]Ky., Tenn., Ala., Miss., Ark., La., Okla. and Tex. [9]Idaho, Colo., Utah, Wash., Ore. n.a.—Not available.

PEARS — UTILIZED PRODUCTION, USE, PRICE, VALUE

	1971	1972	1973	1974	1975	1976	1977	1978	1979
Eastern & Central[1] — All Varieties									
Fresh .....1,000 Tons..	21.8	25.6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned .....do..	19.8	20.3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried .....do..	.....	.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used .....do..	41.8	46.3	27.6	32.6	38.9	19.4	34.2	36.7	36.3
Price per Ton ...Dollars	103.92	115.03	176.96	189.91	158.38	218.97	217.40	223.98	214.33
Value .....1,000 $	4,347	5,326	4,884	6,195	6,161	4,248	7,435	8,220	7,780
California — Bartlett									
Fresh .....1,000 Tons..	62.5	61.0	77.0	53.0	67.0	71.0	61.0	43.0	51.0
Canned† .....do..	234.0	219.7	235.1	238.9	230.0	265.5	257.4	232.7	304.0
Dried .....do..	4.5	5.3	4.9	5.1	n.a.	8.5	7.6	5.3	†
Total Used .....do..	301.0	286.0	317.0	297.0	297.0	345.0	326.0	281.0	355.0
Price per Ton ...Dollars	95.20	130.00	132.00	184.00	143.00	124.00	134.00	219.00	197.00
Value .....1,000 $	28,655	37,180	41,844	54,648	42,471	42,780	43,684	61,539	69,935

PEARS — UTILIZED PRODUCTION, USE, PRICE, VALUE — Continued

	1971	1972	1973	1974	1975	1976	1977	1978	1979
California — Other Varietie									
Fresh .....1,000 Tons..	4.0	4.8	4.7	4.9	3.0	5.2	n.a.	n.a.	n.a.
Canned .....do..	4.0	4.8	5.6	9.0	3.4	3.3	n.a.	n.a.	n.a.
Dried .....do..	.....	.....	.....	.....	.....	.....	n.a.	n.a.	n.a.
Total used .....do..	8.0	9.6	10.3	13.9	6.4	8.5	8.6	7.3	10.3
Price per Ton ....Dollars	92.80	139.00	127.00	157.00	182.00	148.00	165.00	278.00	213.00
Value .....1,000$	742	1,334	1,308	2,182	1,156	1,258	1,419	2,029	2,194
Total California									
Fresh .....1,000 Tons..	66.5	65.8	81.7	57.9	70.0	76.2	n.a.	n.a.	n.a.
Canned .....do..	238.0	224.5	240.7	247.9	233.4	268.8	n.a.	n.a.	n.a.
Dried .....do..	4.5	5.3	4.9	5.1	.....	8.5	n.a.	n.a.	n.a.
Total .....do..	309.0	295.6	327.3	310.9	303.4	353.5	334.6	288.3	365.3
Price per Ton ....Dollars	95.10	130.00	131.84	182.79	143.79	124.58	134.80	221.00	197.00
Value .....1,000$	29,397	38,514	43,152	56,830	43,627	44,038	45,103	63,568	72,129
Washington — Bartlett									
Fresh .....1,000 Tons..	33.1	39.1	38.0	34.9	50.7	38.6	35.0	39.9	36.3
Canned† .....do..	78.9	59.9	85.5	91.5	82.8	101.4	103.0	92.1	115.0
Dried .....do..	†	.....	†	†	†	†	†	†	†
Total used .....do..	112.0	99.0	123.5	126.4	133.5	140.0	138.0	132.0	151.3
Price per ton .....Dollars	89.00	126.00	132.00	166.00	121.00	117.00	124.00	205.00	182.00
Value .....1,000$	9,968	12,474	16,302	20,982	16,154	16,380	17,112	27,060	27,537
Washington — Other variet									
Fresh .....1,000 Tons..	53.4	54.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned .....do..	.....	.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried .....do..	(3)	(3)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total used .....do..	53.4	54.0	63.8	86.9	85.5	94.0	86.0	114.0	96.0
Price per Ton ....Dollars	103.00	203.00	164.00	145.00	161.00	122.00	208.00	228.00	241.00
Value .....1,000$	5,500	10,962	10,463	12,601	13,766	11,468	17,888	25,992	23,136
Total Washington									
Fresh .....1,000 Tons..	86.5	93.1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned† .....do..	78.9	59.9	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried .....do.	†(3)	(3)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total used .....do..	165.4	153.0	187.3	213.3	219.0	234.0	224.0	246.0	247.3
Price per ton .....Dollars	93.50	153.00	143.00	157.00	137.00	119.00	156.00	216.00	205.00
Value .....1,000$	15,468	23,436	26,765	33,583	29,920	27,848	35,000	53,052	50,673
Oregon — Bartlett									
Fresh .....1,000 Tons..	20.5	13.0	20.0	14.4	17.0	13.0	13.8	13.0	17.7
Canned† .....do..	62.5	38.0	53.0	57.6	62.0	62.0	65.2	42.5	65.3
Dried .....do..	.....	.....	†	†	†	†	†	†	†
Total Used .....do..	83.0	51.0	73.0	72.0	79.0	75.0	79.0	55.5	83.0
Price per Ton ....Dollars	80.00	122.00	117.00	172.00	116.00	101.00	102.00	195.00	185.00
Value .....1,000$	6,640	6,222	8,541	12,384	9,164	7,575	8,058	10,823	15,355
Oregon — Other Varieties									
Fresh .....1,000 Tons..	96.0	59.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned† .....do..	.....	(3)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried .....do..	.....	.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used .....do..	96.0	59.0	98.0	103.0	91.0	125.0	100.0	96.0	105.0
Price per Ton ....Dollars	103.00	174.00	156.00	142.00	168.00	129.00	166.00	237.00	243.00
Value .....1,000$	9,888	10,266	15,288	14,626	15,288	16,125	16,600	22,752	25,515
Total Oregon									
Fresh .....1,000 Tons..	116.5	72.0	n.a.	n.a.	98.0	n.a.	n.a.	n.a.	n.a.
Canned† .....do..	62.5	38.0	n.a.	n.a.	72.0	n.a.	n.a.	n.a.	n.a.
Dried .....do..	.....	.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used .....do..	179.0	110.0	171.0	175.0	170.0	200.0	179.0	151.5	188.0
Price per Ton ....Dollars	92.30	150.00	139.00	154.00	144.00	119.00	138.00	222.00	217.00
Value .....1,000$	16,528	16,488	23,829	27,010	24,452	23,700	24,658	33,575	40,870
Total Western[4]									
Fresh .....1,000 Tons..	279.1	234.3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned .....do..	381.8	322.8	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried .....do..	4.5	5.3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used .....do..	665.4	561.8	698.2	708.0	704.1	801.2	750.3	690.4	810.0
Price per Ton ....Dollars	94.00	141.00	136.00	168.00	142.00	122.00	143.00	219.00	205.00
Value .....1,000$	62,463	79,100	95,220	119,194	99,838	97,820	107,311	151,518	165,992
United States									
Fresh .....1,000 Tons..	284.8	251.0	307.2	296.0	328.0	340.7	303.2	300.9	303.1
Canned† .....do..	417.9	352.4	413.7	439.6	415.0	479.9	481.3	426.2	543.2
Dried .....do..	4.5	5.3	4.9	5.1	†	†	†	†	†
Total Used .....do..	707.2	608.7	725.8	740.7	743.0	820.6	784.5	727.1	846.3
Price per Ton ....Dollars	94.50	139.00	138.00	169.00	143.00	124.00	146.00	220.00	205.00
Value .....1,000$	66,810	84,426	100,104	125,389	105,999	102,068	114,746	159,738	173,772

[1]Includes Conn., N.Y., Pa., and Mich. †Some quantities otherwise processed may be included with canned to avoid disclosure of individual operations. [3]Some quantities canned or otherwise processed are included in fresh sales to avoid disclosure of individual operations. [4]Includes Idaho, Colo., Utah, Wash., Ore., Calif.

THE ALMANAC

OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

Section VIII

U. S. PACK STATISTICS

The canned fruit and vegetable packs published herein are taken from reports of the Nat'l Food Processors Assn. and represent packs of all known Canners of the products.

GLASS - Although the pack in glass containers has been reported separately wherever feasible, it has been combined, in most instances, with that of tin containers of the same approximate size. When tin and glass are combined, or when two or more container sizes are combined, the order of listing indicates the relative importance of each.

The Frozen Food pack statistics were compiled by the American Frozen Food Institute. Data represent only the commercial pack and do not include production in frozen food locker plants nor custom freezing for industrial users.

PLEASE NOTE: in Almanacs prior to 1973, 8 oz. cans were reported on a basis of 48 cans to a case. With the 1973 edition, all actual case *canner* figures for all years, for all products, have been revised to reflect 24/8 oz. containers per case and the totals changed accordingly. This includes canned packs, stocks and shipments but not distributor stocks. The Dept. of Commerce began reflecting 24/8 oz. cases in the distributor stock reports in the fall of 1973 and data is not available to convert previous reports to the new basis. Note well then that the 8 oz. and total actual case figures for packs, stocks and shipments in Almanacs prior to 1973 are not comparable with later editions.

INDEX

BABY FOODS 558
CENSUS, INDUSTRY 571
EXPORTS 591
FISH PACKS 552
IMPORTS 594

FRUIT & JUICE PACKS, CANNED 540

Apple 540
Applesauce 541
Apple Juice 542
Apricots 543
Blackberries 544
Blueberries 544
Cherries 545
Cranberry Sauce 544
Fruit Cocktail 546
Grapefruit 546
Grapefruit Juice 544
Blended Juice 547
Orange Juice 547
Peaches 548
Pears 549
Pineapple 550
Pineapple Juice 551
Plums 550
Misc. Fruit 551
Summary 540

FRUIT & JUICE PACKS, FROZEN 567

MEAT PACKS, CANNED 556

SPECIALTY PACKS 557
STOCKS and SHIPMENTS ..... See Indiv. Pack

VEGETABLE PACKS, CANNED 520

Asparagus 520
Beans, Green 522
Beans, Lima 524
Beans, Wax 522
Beets 525
Carrots 525
Corn 526
Leafy Greens 539
Mixed Veg. 539
Okra 539
Okra & Tom 539
Peas 529
Peas, Blackeye 531
Peas & Carrots 539
Pimientos 532
Potatoes, Sweet 539
Potatoes, White 532
Pumpkin 532
Sauerkraut 533
Spinach 534
Succotash 539
Summary 520
Tomatoes 534
Tomato Catsup 537
Tomato Juice 536
Tom. Chili Sauce 537
Tomato Paste 538
Tomato Puree 537
Turnip Greens 539
Misc. Veg. 539

VEGETABLE PACKS, FROZEN 559
WORLD PACKS 605

SUMMARY OF CANNED VEGETABLE PACKS*

PLEASE NOTE: The vegetable packs in this section are rounded to the nearest thousand cases. Column totals therefore will not necessarily agree exactly with totals shown.

Thousands of Cases, basis 24 No. 303 Cans. Figures Rounded

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Asparagus	5,913	5,542	5,860	5,794	5,643	3,551	3,609	3,705	3,382	2,819
Beans, green	43,189	45,213	44,383	50,887	57,971	51,466	44,027	50,952	53,229	62,624
Beans, wax	4,382	4,797	3,173	4,115	4,348	3,924	3,394	3,541	3,892	3,657
Beans, Lima	2,776	3,116	2,116	3,150	2,523	3,729	2,812	2,657	3,356	3,061
Beets(a)	11,310	10,430	10,025	10,881	15,084	13,130	9,201	11,289	12,973	(b)
Carrots(a)	5,388	5,310	5,529	6,391	6,914	4,717	5,221	6,586	6,250	(b)
Carrots & Peas	2,086	2,106	2,001	2,270	2,488	2,493	1,894	1,658	1,765	2,096
Corn, sweet	46,995	53,757	52,957	55,228	46,430	57,458	54,694	56,300	57,907	60,022
Leafy greens	3,527	4,443	2,776	4,029	4,558	3,023	3,125	2,632	2,880	3,195
Mixed vegs.	4,367	4,482	4,135	5,891	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Okra	443	355	261	283	486	196	204	225	257	436
Okra & Tom.	348	378	326	264	430	231	163	261	187	
Peas, field	2,393	2,742	2,637	2,817	2,765	1,995	1,875	2,223	2,364	2,542
Peas, green	28,697	33,197	33,081	29,558	33,120	35,172	31,927	30,238	25,269	36,492
Pimientos	627	738	650	269	396	613	702	407	376	516
Potatoes, swt.	9,846	10,056	9,461	11,415	12,767	7,668	7,960	7,194	9,436	(b)
Potatoes, wht.	6,602	7,849	5,022	5,658	8,113	6,809	6,201	7,126	6,693	6,517
Pump. & Sq.	3,973	4,581	4,064	4,632	4,214	5,804	5,500	2,962	3,353	3,997
Sauerkraut (a)(c)	12,088	11,266	10,008	10,573	12,209	9,859	9,409	9,419	9,509	n.a.
Spinach (a)	7,270	7,675	8,217	8,944	10,834	8,328	6,304	7,108	6,214	8,321
Succotash	339	338	331	400	430	441	168	209	142	771
Tomatoes	39,017	38,367	43,301	45,431	43,794	53,465	42,805	54,124	49,241	52,896
T. Juice	36,761	38,411	31,074	33,936	36,133	35,358	32,155	27,844	33,920	31,517
T. Chili Sc.	1,504	1,462	1,746	1,763	1,620	1,730	1,955	1,776	2,834	1,977
T. Puree	5,947	7,844	9,705	9,895	10,282	13,807	8,377	9,824	8,425	10,395
Total 303's	285,788	304,455	292,843	314,474	323,552	324,967	283,682	300,260	303,834	P
Total 2's	234,346	249,653	240,131	257,869	265,313	266,472	232,619	246,213	248,775	P
Total a/c	257,189	276,573	262,325	282,327	289,256	288,466	256,243	267,650	268,659	P

(P) Not available at Press time. (a) Pack beginning year shown. (b) Pack not completed at press time. (c) 1975 and later years not comparable with earlier years. n.a. - Not available.

ASPARAGUS PACKS IN THE UNITED STATES*

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans. To convert to 2's multiply by .82

1940	3,974	1945	5,302	1950	5,531	1955	7,623	1960	7,971	1965	7,208
1941	3,907	1946	5,583	1951	5,850	1956	6,615	1961	8,357	1966	7,896
1942	5,138	1947	4,677	1952	5,312	1957	7,093	1962	9,053	1967	6,638
1943	4,710	1948	4,417	1953	4,902	1958	7,540	1963	9,263	1968	6,925
1944	5,114	1949	5,390	1954	6,073	1959	7,086	1964	8,217	1969	6,817

ASPARAGUS PACKS BY SIZE OF CONTAINER*

(Thousands of Actual Cases—Figures Rounded—Season Beginning Year Shown)

Units per case & Sz. of Cont.	*1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
24/8Z	814	646	713	765	695	303	376	430	507	299
48/1 Pic	560	584	799	889	580	542	537	390	399	405
24/300-300 cyl.	3,954	3,938	3,843	3,587	4,112	2,256	2,549	2,472	2,179	1,781
24/2	36	32	.....	.....	.....	.....	.....	.....	.....	.....
24/15z	.....	.....	(a)	(a)	10	151	.....	126	131	114
6/5 Squat	158	143	180	157	207	92	119	143	84	113
6/10	263	220	394	378	303	193	136	208	196	178
Misc. T&G	544	339	139	110	120	82	84	146	107	19
Total Act. Cs	6,328	5,903	6,068	5,886	6,027	3,618	3,800	3,914	3,603	2,909
Total bas. 303's	5,913	5,542	5,860	5,794	5,643	3,551	3,609	3,705	3,382	2,819

*Green asparagus only beginning in 1971. (a) Included in 24/300.

ASPARAGUS PACKS BY STATE & STYLE*

(Thousands of Actual Cases—Figures Rounded—Season Beginning Year Shown)

STATE	*1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
East	1,235	889	721	605	475	105	218	(a)	(a)	(a)
Illinois	903	718	847	594	645	574	356	407	363	318
Michigan	1,129	1,029	1,322	1,481	1,442	769	777	917	1,104	744
Washington‡	1,050	1,294	1,529	1,655	1,557	1,323	1,462	1,544	1,514	1,302
California	1,722	1,692	1,440	1,346	1,639	531	740	742	330	(a)
Other States	290	280	209	206	270	316	246	304	292	545
Total	6,328	5,903	6,068	5,886	6,027	3,618	3,800	3,914	3,603	2,909
BY STYLE										
Gr. Sprs.**	2,590	2,630	2,305	2,416	2,869	1,553	1,974	2,061	1,487	1,079
Gr. Cut	3,303	2,945	3,575	3,294	2,893	1,919	1,720	1,741	2,000	1,772
Gr. Cuts, Tps Rm	149	328	188	177	266	146	106	112	116	58
Total Green	6,042	5,903	6,068	5,886	6,027	3,618	3,800	3,914	3,603	2,909
Total White	285	*	*	*	*	0	0	0	0	0

*Green asparagus only beginning in 1971. **Includes salad points. ‡Beginning 1973 includes Oregon. (a) Included in "Other States".

ASPARAGUS CARRYOVER—PACK—STOCK—SHIPMENTS*

(Thousands of Actual Cases—Figures Rounded—Season Beginning Year Shown)

	*1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Carryover 3/1	1,725	1,004	933	1,490	1,278	2,599	1,168	312	668	1,026
Pack	6,328	5,903	6,068	5,886	6,027	3,618	3,800	3,914	3,603	2,909
Tot. Cner. Sup	8,053	6,907	7,002	7,376	7,305	6,217	4,968	4,226	4,272	3,935
JANUARY 1 STOCKS										
Canners	2,290	1,941	2,295	2,113	3,444	2,207	885	1,129	1,511	n.a.
Distributors†	617	646	668	729	643	521	459	567	476	n.a.
Total†	2,907	2,587	2,963	2,842	4,087	2,728	1,344	1,696	1,987	n.a.
CANNER SHIPMENTS										
3/1 to 3/1	6,922	5,974	5,512	6,098	4,706	5,049	4,656	3,558	3,246	2,842
EXPORTS**	320	192	163	173	219	123	116	105	148	176
GOV. PURCHASES**										
Armed Forces	82.5	102.5	15.9	1.8	61.7	49.1	8.3	.....	65.5	19.1
USDA	0	0	0	0	0	0	0	0	0	0
Vet. Adm.	59.8	39.3	27.1	25.3	21.4	30.5	21.8	34.3	25.9	26.1[1]

*Green asparagus only beginning in 1971. **Basis 1,000 cases 24/303, season beginning year shown. Calendar year for exports. n.a.-Not available. †With the 1973 Almanac, all actual case *canner* figures, in all tables, for all years, have been revised to reflect 24/8 oz. containers per case. Detailed *distributor* figures are not available for conversion and are therefore included, through 1972 on the old basis of 48/8 oz. [1]Estimated requirements.

CANNED SLICED APPLES • APPLE SAUCE
ASPARAGUS • GREEN AND WAX BEANS

Grown and packed in Central Western Michigan
Under the most favorable conditions of soil and climate,
where mother nature adds a full and very special flavor

Member: National Canners Association, Michigan Canners & Freezers Assn., Processed Apples Institute

NEW ERA CANNING COMPANY
Established 1910
New Era, Michigan 49446 • Telephone (616) 861-2151

GREEN BEAN PACKS IN THE U.S.

Thousands of Cases, basis 24 No. 303 Cans.

1926 4,157	1934 6,292	1942 26,374	1950 23,212	1958 29,118	1966 36,564
1927 4,924	1935 7,358	1943 25,203	1951 20,797	1959 27,473	1967 48,150
1928 6,377	1936 6,924	1944 20,307	1952 16,848	1960 29,292	1968 47,136
1929 8,839	1937 10,591	1945 19,534	1953 23,902	1961 36,107	1969 42,481
1930 8,222	1938 1,111	1946 20,077	1954 29,137	1962 32,601	1970 43,189
1931 5,943	1939 8,953	1947 13,296	1955 25,521	1963 34,049	1971 45,213
1832 4,191	1940 10,406	1948 15,477	1956 25,598	1964 33,087	1972 44,383
1933 5,910	1941 14,241	1949 22,142	1957 27,292	1965 41,024	1973 50,887

GREEN BEAN PACKS BY REGION

Thousands of Cases, basis 24 No. 303 Cans. Figures Rounded. Calendar Year.

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Northeast	5,846	6,057	5,474	5,527	7,021	7,082	6,614	9,796	11,431	n.a.
Midatlantic	5,161	4,675	4,679	4,969	5,856	5,049	(a)	(a)	(a)	n.a.
Midwest	13,303	14,654	14,679	16,932	18,531	19,718	22,895	25,264	24,847	n.a.
West	12,763	13,260	13,072	15,146	17,066	13,116	10,208	9,850	10,813	n.a.
South	6,117	6,568	6,480	8,411	9,496	6,501	4,310	6,041	6,139	n.a.
Total 303's	43,189	45,213	44,383	50,887	57,971	51,466	44,027	50,952	53,229	62,624
Total Actual	40,178	42,176	40,151	45,621	52,273	47,338	41,007	46,852	48,504	55,865

(a) Included in Northeast.

GREEN BEAN PACKS BY SIZE OF CONTAINER

(Thousands of Actual Cases—Figures Rounded—Calendar Year)

Units per Case & Size of Cont.	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
24/8Z	4,589	4,432	3,662	3,978	4,324	3,562	3,062	3,614	3,557	4,125
24/300-303	27,021	29,494	26,814	29,793	34,683	33,906	30,252	33,492	34,161	37,393
24/2½	947	910	1,003	1,022	1,020	1,012	651	932	959	967
6/10	7,271	7,236	8,446	10,335	11,307	8,189	6,458	8,282	9,212	12,928
Misc. Tin & Gl ...	349	103	226	493	938	670	584	532	615	454
Total	40,178	42,176	40,151	45,621	52,273	47,338	41,007	46,852	48,504	55,865

GREEN BEAN PACKS BY STYLE AND QUALITY

(Thousands of Actual Cases—Figures Rounded—Calendar Year)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Whole	3,209	2,991	2,495	3,030	3,084	2,546	2,338	2,463	2,272	2,672
Fr. Style	8,512	9,435	8,951	9,784	11,116	10,471	9,994	12,112	11,488	12,171
Fancy Cut	18,885	19,940	18,333	20,833	24,834	21,953	19,781	21,460	23,392	28,192
Ex. Std. Cut	5,658	6,624	6,812	8,018	9,410	9,119	6,251	7,439	7,512	9,076
Std. cut	3,913	3,186	3,560	3,956	3,829	3,249	2,643	3,378	3,841	3,754
Total	40,178	42,176	40,151	45,621	52,273	47,338	41,007	46,852	48,504	55,865

WAX BEAN PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l. Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans. To convert to 2's multiply by .82

1926 769	1934 1,395	1942 2,650	1950 2,358	1958 3,117	1966 3,972
1927 780	1935 1,379	1943 2,751	1951 2,920	1959 3,426	1967 5,023
1928 1,206	1936 1,164	1944 1,893	1952 3,094	1960 3,862	1968 4,706
1929 1,562	1937 1,672	1945 1,651	1953 3,683	1961 4,056	1969 4,858
1930 1,844	1938 220	1946 2,300	1954 3,887	1962 4,265	1970 4,382
1931 1,459	1939 140	1947 2,675	1955 2,992	1963 3,618	1971 4,797
1932 717	1940 1,548	1948 3,035	1956 3,660	1964 3,745	1972 3,173
1933 839	1941 2,061	1949 3,047	1957 4,628	1965 4,603	1973 4,115

WAX BEAN PACKS BY REGION

Thousands of Cases, Basis 24 No. 303 Cans. Figures rounded, Calendar Year.

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Northeast	1,916	1,840	754	1,555	1,609	1,546	1,265	1,315	1,466	n.a.
Midatlantic	343	459	231	324	343	349	(a)	(a)	(a)	n.a.
Midwest	1,754	2,197	1,872	1,904	2,034	1,698	1,817	1,978	2,174	n.a.
West	370	302	316	332	361	332	311	249	252	n.a.
Total 303's	4,382	4,797	3,173	4,115	4,348	3,924	3,394	3,541	3,892	3,657
Total Actual	4,144	4,600	2,919	3,769	4,043	3,546	3,130	3,146	3,473	3,225

(a) Included in Northeast. n.a. - Not available.

WAX BEAN PACKS BY SIZE OF CONTAINER

(Thousands of Actual Cases—Figures Rounded—Calendar Year)

Units to Case & Size of Cont.	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
24/8Z	620	689	348	436	468	364	356	297	362	363
24/303	2,652	3,053	1,890	2,339	2,621	2,177	2,003	1,941	2,105	1,881
6/10	869	858	681	900	851	894	695	866	909	972
Misc. Tin & Gl	3	.....	.....	94	102	111	76	42	97	10
Total	4,144	4,600	2,919	3,769	4,043	3,546	3,130	3,146	3,473	3,225

WAX BEAN PACKS BY STYLE & QUALITY

(Thousands of Actual Cases—Figures Rounded—Calendar Year)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Whole	142	149	87	138	147	112	61	46	123	22
Fr. Style	362	349	188	329	251	225	191	208	203	234
Fancy Cut	2,487	2,931	1,915	2,426	2,507	2,316	2,049	1,935	2,024	2,119
Ex. Std. Cut	859	932	488	652	916	647	646	657	822	630
Std. Cut	294	239	242	225	221	245	184	299	300	221
Total	4,144	4,600	2,919	3,769	4,043	3,546	3,130	3,146	3,473	3,225

GREEN & WAX BEANS—CARRYOVER, PACK, STOCKS, SHIPMENTS

Source: U.S. Department of Commerce, Office of Domestic Commerce, Bureau of Census and the National Food Processors Association

(Thousands of Actual Cases—Figures Rounded. Season beginning year shown)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Carryover 7/1	9,708	7,568	6,166	2,763	4,507	13,225	12,045	5,477	4,976	6,102
Pk., 7/1-1/1	43,132	45,436	41,591	48,073	53,557	47,889	42,703	48,183	50,639	56,720
Pk., 1/1-7/1*	1,339	1,479	1,317	2,758	2,995	1,435	1,815	1,338	2,371	P
Canner Supply	54,179	54,483	49,074	53,594	61,058	62,548	56,563	54,998	57,985	†62,821
CANNER SHIPMENTS										
7/1 to 1/1	23,126	24,004	23,540	26,416	26,796	24,878	26,227	25,542	27,627	27,718
January	4,866	4,980	5,415	5,335	3,722	5,247	4,666	4,328	4,300	5,364
February	3,904	4,871	4,891	4,520	3,677	5,085	5,718	4,603	4,959	4,700
March	4,536	4,207	4,507	4,009	3,344	4,343	5,274	4,610	4,783	4,578
April	3,697	3,321	3,398	3,415	(b)	(b)	(b)	(b)	(b)	P
May	3,911	3,723	2,677	2,571	7,191	7,710	6,093	7,825	7,699	P
June	2,569	3,211	1,884	2,821	3,103	3,240	3,108	3,115	2,516	P
7/1 to 7/1	46,611	48,317	46,311	49,088	47,833	50,504	51,086	50,023	51,884	P
CANNER STOCKS*										
January	29,713	29,000	24,217	24,419	31,267	36,236	28,521	28,118	27,987	35,103
February 1	24,847	24,020	18,802	19,084	27,545	30,988	23,855	23,791	23,688	29,739
March 1	20,943	19,150	13,912	14,565	23,868	25,903	18,137	19,187	18,729	25,039
April 1	16,406	14,943	9,405	10,556	20,524	21,560	12,863	14,577	13,946	20,460
May 1	12,783	11,621	6,176	7,444	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
June	9,234	8,191	3,962	5,724	13,535	14,545	7,484	7,490	7,477	P
July 1	7,568	6,166	2,763	4,507	13,225	12,045	5,477	4,976	6,102	P
DISTRIBUTOR STOCKS**										
January 1	3,275	3,277	3,603	4,016	4,653	3,721	3,971	3,809	3,996	3,816
April 1	3,466	3,622	3,959	4,642	4,309	4,160	4,386	3,943	4,431	P
June 1	3,287	3,286	3,326	3,994	4,318	3,981	3,760	3,673	3,823	P
July 1	3,256	3,034	2,780	3,649	3,734	3,770	3,309	3,275	3,285	P
TOTAL CANNER—DISTRIBUTOR STOCKS**										
July 1	12,829	10,824	9,200	5,543	8,156	16,959	15,815	8,786	8,251	9,387
Pack	44,471	46,915	42,908	50,831	56,552	49,324	44,518	49,998	51,997	59,090
Total Supply	57,300	57,739	52,108	56,374	64,708	66,283	60,333	58,784	60,228	68,477
January 1	32,988	32,277	31,045	28,435	35,920	39,957	32,492	31,927	31,983	38,919
April 1	19,872	18,565	13,364	15,198	24,833	25,720	17,249	18,520	18,377	P
June 1	12,521	11,477	7,288	9,718	17,853	18,526	11,244	11,163	11,300	P
July 1	10,824	9,200	5,543	8,156	16,959	15,815	8,786	8,251	9,387	P
Seas. Disap	46,476	48,539	46,565	48,218	47,749	50,468	51,547	50,533	50,841	P
EXPORTS***	219	133	159	186	335	256	1,474	1,051	1,038	890
GOV. PURCHASES***										
Armed Forces	280.0	614.1	622.4	620.2	529.1	312.5	242.3	338.7	370.6	367.0
USDA	1,299.4	1,207.8	33.6	515.4	967.5	1,050.1	1,183.2	983.4	81.2	1,267.0[1]
Vet. Adm.	82.3	87.1	46.4	31.0	45.7	67.0	49.9	76.8	105.2	100.1[1]

*Stock figures reflect Spring pack as reported. **With the 1973 Almanac, all actual case *canner* figures, in all tables, for all years, have been revised to reflect 24/8 oz. containers per case. Detailed *distributor* figures are not available for conversion and are therefore included, through 1972 on the old basis of 48/8 oz. ***Basis 1,000 24/303. Season beginning year shown. Calendar year for Exports. †Supply to Jan. 1. P-Not available at press time. n.a.-Not available. (b) Included in May. [1]Estimated.

FRESH LIMA BEAN PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans. To convert to 2's, multiply by .82

1934	1,609	1940	2,430	1946	2,131	1952	2,826	1958	3,005	1964	2,213
1935	1,447	1941	2,912	1947	2,689	1953	3,764	1959	3,282	1965	2,981
1936	1,892	1942	3,083	1948	3,021	1954	4,294	1960	2,754	1966	3,531
1937	1,845	1943	2,292	1949	5,332	1955	3,424	1961	4,250	1967	3,963
1938	2,343	1944	2,009	1950	3,940	1956	4,142	1962	3,615	1968	3,818
1939	2,441	1945	1,928	1951	3,599	1957	3,071	1963	3,089	1969	3,596

FRESH LIMA BEAN PACKS BY STATE

Thousands of Cases, basis 24 No. 303 Cans. Figures Rounded. Season Beginning Year Shown

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
N.Y.,Del.Md,Pa.	695	460	628	459	689	770	654	511	1,010	716
Wis, Ill., Minn	1,736	1,858	975	1,201	946	1,773	1,427	1,214	O.S.	1,233
Other States	344	798	513	1,489	888	1,185	732	932	2,347	1,112
Total 303's	2,776	3,116	2,116	3,150	2,523	3,729	2,812	2,657	3,356	3,061
Tot. Act. Cs	2,863	3,278	2,178	3,209	2,518	3,631	2,811	2,669	3,298	3,007

O.S.—Other States.

FRESH LIMA BEAN PACKS BY SIZE OF CONTAINER

(Thousands of Actual Cases—Figures Rounded, Season Beginning Year Shown)

Units to Case & Size of Container	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
24/8Z	698	842	585	703	510	685	568	568	579	530
24/300-303	1,743	2,040	1,224	2,050	1,601	2,253	1,796	1,676	2,171	1,975
6/10	405	397	358	454	407	693	447	425	547	502
Misc. Tin & Gl	17	.....	11	3	....	.....	.....	.....	.....	.....
Total	2,863	3,278	2,178	3,209	2,518	3,631	2,811	2,669	3,298	3,007

FRESH LIMA BEAN PACKS BY STYLE

(Thousands of Actual Cases—Figures Rounded, Season Beginning Year Shown)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Green Limas										
Midget & Tiny	222	159	142	148	100	206	133	185	228	187
Small	602	412	400	467	509	609	484	422	551	497
Medium	520	419	412	368	295	584	521	486	327	432
Mixed	1,375	2,180	1,205	2,009	1,322	1,937	1,368	1,374	1,939	1,493
Green & White	10	3	8	33	128	81	133	41	70	192
Fordhooks	133	105	10	183	163	215	172	161	182	205
Total	2,863	3,278	2,178	3,209	2,518	3,631	2,811	2,669	3,298	3,007

LIMA BEANS CARRYOVER—PACK—STOCKS—SHIPMENTS

(Thousands of Actual Cases—Figures Rounded. Season beginning year shown)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Carryover 8/1	1,300	675	718	162	297	255	902	610	294	466
Pack	2,863	3,278	2,178	3,209	2,518	3,631	2,811	2,669	3,298	3,007
Canner Supply	4,163	3,954	2,896	3,371	2,815	3,886	3,713	3,279	3,592	3,473
CANNER SHIPMENTS										
Aug 1 to Jan 1	1,488	1,452	1,334	1,503	1,461	1,437	1,299	1,539	1,421	1,458
Aug 1 to Apr 1	.....	.....	.....	.....	.....	.....	2,462	2,367	2,304	2,184
Jan 1 to Aug 1	2,000	1,783	1,400	1,570	1,099	1,547	1,804	1,446	1,705	P
Tot 8/1 to 8/1	3,488	3,235	2,734	3,073	2,560	2,985	3,103	2,985	3,126	P
CANNER STOCKS										
January 1	2,676	2,502	1,562	1,868	1,354	2,449	2,413	1,740	2,171	2,015
March 1	1,933	1,847	970	1,330	1,034	2,002	1,770	1,169	1,642	1,559
April 1	1,471	1,541	725	1,074	868	1,750	1,251	912	1,288	1,289
August 1	675	718	162	297	255	902	610	294	466	P
DISTRIBUTOR STOCKS*										
January 1	493	479	480	459	504	429	373	383	428	381
July 1	469	431	329	415	385	402	460	381	382	P
GOV. PURCHASES*										
Armed Forces	151.6	148.5	88.4	29.7	105.4	101.1	44.6	82.5	85.7	74.8
U.S.D.A.	0	0	0	0	0	0	0	0	0	0
Vet. Admn.	15.6	9.7	9.7	10.0	8.3	9.9	9.0	16.8	19.4	18.8[1]

*With the 1973 Almanac, all actual case *canner* figures, in all tables, for all years, have been revised to reflect 24/8 oz. containers per case. Detailed *distributor* figures are not available for conversion and are therefore included, through 1972 on the old basis of 48/8 oz. P—Not available at press time. n.a.—Not available. [1]Estimated.

BEET PACKS IN THE UNITED STATES*

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans. To convert to 2's, multiply by .82

1909 264	1929 2,445	1938 3,875	1947 4,126	1956 11,822	1965 10,007
1914 525	1930 3,566	1939 2,771	1948 5,421	1957 10,194	1966 11,382
1919 1,219	1931 1,969	1940 4,538	1949 8,955	1958 9,598	1967 11,785
1921 815	1932 1,274	1941 8,986	1950 9,947	1959 9,651	1968 14,597
1923 1,136	1933 1,483	1942 8,181	1951 9,189	1960 8,847	1969 11,339
1925 2,532	1934 2,679	1943 7,392	1952 8,165	1961 10,646	1970 11,310
1926 1,505	1935 3,003	1944 9,624	1953 10,471	1962 12,594	1971 10,430
1927 1,378	1936 3,038	1945 11,162	1954 8,615	1963 12,665	1972 10,025
1928 1,578	1937 3,917	1946 8,593	1955 9,198	1964 10,709	1973 10,881

BEET PACKS BY AREA*

Thousands of Cases, basis 24 No. 303 Cans. Figures Rounded

	1969	1970	1971	1972	1973	1974	1975	1976	1977	†1978
East	3,813	4,507	3,855	2,546	3,570	4,724	4,061	2,762	3,019	4,145
Midwest	4,993	4,658	4,893	5,816	4,770	7,506	6,968	4,374	5,649	6,168
West	2,533	2,145	1,681	1,662	2,541	2,854	2,101	2,065	2,621	2,661
Tot 303's	11,339	11,310	10,430	10,025	10,881	15,084	13,130	9,201	11,289	12,973
Tot. Act. Cs	10,929	10,764	10,013	10,683	11,990	16,133	13,475	9,448	11,248	12,801

*12 months beginning July 1 of year stated. Includes Tin and Glass. †1979-80 Pack to 4/1/80 - 14,567 Basis 303.

BEET PACKS BY SIZE OF CONTAINER AND STYLE*

(Thousands of Actual Cases—Figures rounded)

Units per Case & Size of Container	1969	1970	1971	1972	1973	1974	1975	1976	1977	†1978
24/8 oz	1,968	1,488	1,535	1,516	1,734	2,087	1,638	1,210	1,362	1,526
12/16 oz.	.....	.....	.....	2,243	3,338	3,873	2,612	1,909	2,089	2,373
24/300-303	6,750	7,225	6,604	4,989	4,639	7,098	6,389	4,243	4,981	5,516
6/10	2,201	2,045	1,872	1,934	2,261	3,065	2,832	2,086	2,815	3,386
Misc. Tin & Gl.	10	7	2	.....	16	10	4	.....	1	.....
Total	10,929	10,764	10,013	10,683	11,990	16,133	13,475	9,448	11,248	12,801
BY STYLE										
Whole	2,393	1,989	1,719	1,808	2,619	2,909	2,496	1,876	1,457	2,055
Cuts & Sections	877	1,286	1,083	1,084	801	1,445	1,308	903	1,349	991
Sliced	6,471	6,234	6,036	6,608	7,391	9,783	8,316	5,781	6,826	8,215
Diced	767	930	790	755	730	1,259	934	547	999	993
French Style	245	314	308	286	377	527	357	273	510	454
Irreg. Pieces	175	13	77	142	73	208	64	69	108	93

*12 months beginning July 1 of year stated. Includes Tin and Glass †1979-80 A/C pack to 4/1/80 - 13,453.

CARROT PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans. To convert to 2's multiply by .82

Includes tin & glass. 12 months beginning March 1 of year stated, July 1 beginning 1965.

1931 303	1940 1,751	1946 4,572	1952 3,382	1958 3,858	1964 4,471
1933 734	1941 2,511	1947 1,191	1953 3,351	1959 3,504	1965 4,516
1935 1,129	1942 2,785	1948 3,738	1954 2,557	1960 5,043	1966 7,064
1937 1,158	1943 2,908	1949 2,184	1955 2,237	1961 3,939	1967 5,546
1938 858	1944 3,820	1950 2,280	1956 3,752	1962 5,085	1968 5,122
1939 1,476	1945 4,939	1951 2,656	1957 2,912	1963 5,100	1969 5,463

CARROT PACKS BY AREA*

Thousands of Cases, basis 24 No. 303 Cans. Figures Rounded

	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
East	1,525	1,941	1,910	1,576	1,802	1,432	1,009	1,047	1,721	n.a.
Midwest	2,741	2,584	2,594	3,130	3,808	4,147	2,800	3,483	4,039	n.a.
West	1,197	863	807	825	781	1,336	908	691	827	n.a.
Tot. 303's	5,463	5,388	5,310	5,529	6,391	6,914	4,717	5,221	6,586	6,250
Tot. Act. Cs	4,833	4,712	4,793	4,798	5,527	5,990	4,215	4,562	5,601	5,317

*12 months beginning July 1 of year stated. Includes tin and glass.

CARROT PACKS BY SIZE OF CONTAINER AND STYLE*

(Thousands of Actual Cases—Figures Rounded)

	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
24/8 oz	872	721	927	736	808	735	555	619	742	600
24/303(a)	2,262	2,336	2,302	2,253	2,687	2,923	2,417	2,395	2,688	2,743
6/10	1,698	1,654	1,560	1,755	2,025	2,066	1,243	1,548	2,171	1,974
Misc.	1	1	4	54	8	265	.....	.....	.....	.....
Total	4,833	4,712	4,793	4,798	5,527	5,990	4,215	4,562	5,601	5,317
BY STYLE										
Whole	475	578	568	445	619	733	912	495	711	717
Cut & Sections	84	79	132	132	71	78	41	20	65	67
Sliced	3,078	2,928	3,163	2,977	3,734	3,937	2,621	3,298	3,785	3,600
Diced	955	963	771	1,094	907	1,047	554	688	975	821
Shoestring	164	86	92	99	101	153	79	45	54	91
Irreg. Pieces	78	79	67	52	96	41	9	16	11	22

*Includes tin and glass. 12 months beginning July 1 of year stated. (a) Includes 300's beginning in 1973.

CORN PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans. To convert to 2's, multiply by .82

1905 15,883	1916 11,139	1927 12,623	1938 24,973	1949 36,350	1960 35,276
1906 11,147	1917 13,180	1928 17,686	1939 17,772	1950 22,254	1961 46,167
1907 8,118	1918 14,301	1929 21,334	1940 18,939	1951 31,203	1962 45,744
1908 8,276	1919 16,531	1930 19,144	1941 31,853	1952 39,441	1963 44,152
1909 7,060	1920 18,349	1931 23,686	1942 39,184	1953 37,798	1964 37,551
1910 12,277	1921 10,788	1932 11,416	1943 35,081	1954 37,355	1965 39,116
1911 17,447	1922 13,931	1933 12,435	1944 30,609	1955 29,372	1966 45,525
1912 15,993	1923 17,209	1934 13,747	1945 34,450	1956 43,515	1967 49,268
1913 8,885	1924 14,800	1935 26,195	1946 37,760	1957 36,455	1968 59,278
1914 11,943	1925 29,670	1936 17,838	1947 31,829	1958 33,019	1969 49,387
1915 12,351	1926 23,264	1937 28,720	1948 38,409	1959 41,232	1970 46,995

CORN PACKS BY AREA

Thousands of Cases, basis 24 No. 303 Cans. Figures Rounded

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
East	2,661	2,479	2,215	2,459	1,913	2,717	2,753	2,952	n.a.	3,129
Midwest	35,670	43,387	42,930	43,538	34,651	42,847	42,373	46,545	n.a.	46,157
West	8,664	7,891	7,812	9,231	9,866	11,893	9,569	6,803	n.a.	10,737
Tot. 303's	46,995	53,757	52,957	55,228	46,430	57,458	54,694	56,300	57,907	60,022
Tot. Basis 2's	38,536	44,081	43,424	45,287	38,073	47,115	44,849	46,166	47,484	49,218
Tot. Act. Cases	48,458	54,748	54,084	56,437	47,491	58,052	55.725	57,080	58,066	60,179

CORN PACKS BY SIZE OF CONTAINER

(Thousands of Actual Cases—Figures Rounded)

Size of Container	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
24/8z Sh & Tl	6,394	6,613	6,433	6,362	5,264	6,161	6,155	5,702	5,207	6,241
24/12z Vac	7,340	8,986	9,572	9,955	8,811	10,353	9,181	9,819	(a)	(a)
24/303 & 300	30,500	33,648	32,541	34,659	28,727	35,081	34,713	36,040	38,165	37,043
6/10*	4,182	5,459	5,220	5,113	4,255	6,032	5,077	5,261	5,692	6,686
Misc	41	42	318	347	434	424	599	257	9,002	10,209
Total	48,458	54,748	54,084	56,437	47,491	58,052	55,725	57,080	58,066	60,179

*Includes 603/600. (a) Included with misc.

CORN PACK BY REGION*, QUALITY, VARIETY AND STYLE

(Thousands of Actual Cases—Figures Rounded)

	1971	1972	1973	1974	1975	1976	1977	1978	1979
GOLDEN									
Whole Kernel									
Fancy	28,205	30,093	30,176	26,531	32,225	32,813	34,281	34,493	34,191
Ex. Std.	6,043	6,018	5,353	3,623	5,940	5,087	5,598	6,105	6,953
Standard	1,032	776	838	1,002	755	929	693	1,240	966
Total	35,280	36,887	36,367	31,157	38,920	38,830	40,571	41,838	42,110
Cream Style									
Fancy	14,151	12,552	14,613	12,760	14,593	14,151	13,992	13,273	14,270
Ex. Std.	2,591	2,171	2,253	1,768	2,230	1,183	1,293	1,666	2,119
Standard	324	286	229	142	201	149	100	135	337
Total	17,065	15,009	17,095	14,671	17,024	15,483	15,385	15,075	16,726
WHITE									
Whole Kernel									
Fancy	987	1,085	1,368	796	990	711	791	n.a.	n.a.
Ex. Std.	33	91	510	31	67	23	58	n.a.	n.a.
Standard	2	6	128	13	11	4	10	n.a.	n.a.
Total	1,023	1,182	2,007	840	1,067	738	859	600	873
Cream Style									
Fancy	1,326	985	969	814	990	558	133	n.a.	n.a.
Ex. Std	54	16	.....	4	17	117	91	n.a.	n.a.
Standard	.....	5	.....	5	33	....	41	n.a.	n.a.
Total	1,380	1,006	969	823	1,040	675	265	554	470
Total All	54,748	54,084	56,437	47,491	58,052	56,725	57,080	58,066	60,179
Total Fancy	44,670	44,716	47,126	40,902	48,798	48,233	49,197	n.a.	n.a.
Total Ex. Std	8,720	8,296	8,117	5,426	8,254	6,410	7,040	n.a.	n.a.
Total Std	1,358	1,072	1,194	1,163	1,000	1,082	844	n.a.	n.a.
Total W.K.	36,303	38,069	38,374	31,997	39,987	39,568	41,430	42,438	42,983
Total C.S.	18,445	16,016	18,064	15,495	18,065	16,158	15,650	15,629	17,197
Total White	2,403	2,188	2,976	1,663	2,108	1,413	1,124	1,154	1,343
Total Golden	52,345	51,896	53,462	45,828	55,944	54,313	55,956	56,913	58,836

	1975*			1976*			1977*		
GOLDEN	East	Midwest	West	East	Midwest	West	East	Midwest	West
Whole Kernel									
Fancy	1,251	25,178	5,796	1,496	26,166	5,151	1,322	29,128	3,831
Ex. Std.	628	3,606	1,706	434	3,681	973	654	4,050	894
Standard	84	452	218	91	424	414	194	321	178
Total	1,964	29,236	7,720	2,020	30,271	6,538	2,169	33,500	4,903
Cream Style									
Fancy	383	10,542	3,668	427	10,843	2,881	466	11,814	1,712
Ex. Std.	69	1,455	706	26	803	355	30	896	366
Standard	5	122	75	4	95	51	5	76	19
Total	457	12,119	4,448	456	11,740	3,287	501	12,786	2,098
WHITE									
Whole Kernel									
Fancy	157	833	.....	157	554	.....	96	695	.....
Ex. Std.	47	20	.....	11	11	.....	6	53	.....
Standard	7	3	.....	3	.....	.....	2	8	.....
Total	211	856	.....	172	566	.....	103	756	.....
Cream Style									
Fancy	22	968	.....	6	552	.....	26	108	.....
Ex. Std.	.....	17	.....	.....	117	.....	.....	91	.....
Standard	.....	33	.....	.....	.....	.....	.....	41	.....
Total	22	1,018	.....	6	669	.....	26	239	.....
Total All	2,654	43,229	12,169	2,654	43,247	9,824	2,799	47,280	7,000
Total Fancy	1,813	37,521	9,464	2,086	38,115	8,032	1,910	41,745	5,543
Total Ex. Std.	744	5,098	2,412	471	4,612	1,328	690	5,090	1,260
Total Std.	97	610	293	98	519	465	201	446	197
Total W.K.	2,175	30,092	7,720	2,192	30,837	6,538	2,272	34,256	4,903
Total C.S.	479	13,137	4,448	462	12,409	3,287	527	13,025	2,098
Total White	233	1,875	.....	178	1,235	.....	129	995	.....
Total Golden	2,421	41,355	12,169	2,476	42,011	9,824	2,670	46,286	7,000

*Regional figures discontinued after 1977. n.a.-Not available.

SWEET CORN—CARRYOVER, PACK, STOCKS, SHIPMENTS

(Thousands of Actual Cases—Figures Rounded, Season† beginning year shown)

	1970	1971	1972	1973	†1974	†1975	*1976	†1977	†1978	†1979
Carryover 8/1† ...	9,618	7,412	7,098	3,599	4,405	5,569	9,825	9,878	8,100	10,188
Pack	48,458	54,748	54,084	56,437	47,491	58,052	55,725	57,080	58,066	60,179
Canner Supply ..	58,076	62,160	61,183	60,036	51,896	63,620	65,550	66,957	66,166	70,367
CANNER SHIPMENTS										
Aug. 1 to Nov. 1†	13,080	14,500	14,889	16,790	19,573	18,444	16,203	18,431	17,617	18,348
November	3,999	4,576	5,680	5,696	3,993	3,814	4,940	4,857	5,299	5,116
December	3,438	4,684	4,473	3,170	3,295	4,448	4,783	5,298	4,653	5,249
January	5,733	5,837	7,978	7,441	2,739	5,485	5,684	5,076	4,714	6,032
February	5,122	5,682	7,206	6,395	3,420	5,013	6,913	6,250	5,893	5,742
March	5,040	5,599	3,942	5,397	4,360	4,845	6,522	6,081	5,686	5,658
April	4,082	3,609	3,113	4,122	(a)	(a)	(a)	(a)	(a)	P
May	4,318	4,524	3,806	3,391	6,199	7,967	7,548	9,613	9,314	P
June	3,468	3,472	3,262	3,229	2,751	3,779	3,080	3,252	2,802	P
July	2,385	2,578	3,236	1,693	n.a.	n.a.	n.a.	n.a.	n.a.	P
Total Ship†	50,664	55,061	57,584	57,324	46,328	53,795	55,673	58,857	55,978	P
CANNER STOCKS										
November 1	44,996	47,660	46,293	43,246	32,323	45,176	49,348	48,526	48,549	52,020
December 1	40,997	43,083	40,613	37,550	28,331	41,362	44,408	43,670	43,249	46,903
January 1	37,559	38,399	36,140	34,380	25,036	36,914	39,625	38,372	38,596	41,655
February 1	31,826	32,562	28,163	26,939	22,298	31,428	33,941	33,296	33,883	35,623
March 1	26,704	26,879	20,956	20,544	18,878	26,416	27,028	27,046	27,990	29,881
April 1	21,665	21,280	17,015	15,147	14,518	21,571	20,506	20,965	22,304	24,222
May 1	17,583	17,672	13,902	11,025	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
June 1	13,265	13,148	10,096	7,635	8,320	13,604	12,958	11,352	12,990	P
July 1	9,797	9,676	6,835	4,405	5,569	9,825	9,878	8,100	10,188	P
August 1	7,412	7,098	3,599	2,712	n.a.	n.a.	n.a.	n.a.	n.a.	P
DISTRIBUTORS STOCKS*										
November 1	3,930	4,029	3,931	4,441	5,675	4,878	4,294	4,390	4,621	4,207
January 1	3,826	4,192	3,907	4,168	5,936	4,470	4,292	4,146	4,499	4,117
April 1	4,214	4,444	4,391	5,310	4,569	4,504	5,054	4,474	4,949	P
June 1	3,955	4,042	4,079	5,044	4,175	4,315	4,713	4,650	4,830	P
July 1	3,892	3,847	4,024	4,556	3,706	4,042	4,009	4,166	4,142	P
TOTAL CANNER—DISTRIBUTOR STOCKS*										
August 1†‡	13,484	11,304	10,945	7,623	8,961	9,275	13,867	13,887	12,266	14,330
Pack	48,458	54,748	54,084	56,437	47,491	58,052	55,725	57,080	58,066	60,179
Total Supply†‡ ..	61,942	66,052	65,029	64,060	56,452	67,327	69,592	70,967	70,332	74,509
November 1	48,926	51,689	50,224	47,687	37,998	50,054	53,642	52,916	53,170	56,227
January 1	41,385	42,591	40,047	38,548	30,972	41,384	43,917	42,518	43,095	45,772
April 1	25,879	25,724	21,406	20,457	19,087	26,075	25,560	25,438	27,253	P
June 1	17,220	17,190	14,175	12,679	12,495	17,919	17,671	16,002	17,820	P
July 1	13,689	13,523	10,859	8,961	9,275	13,867	13,887	12,266	14,330	P
August 1‡	11,304	10,945	7,623	.....	.....	n.a.	n.a.	n.a.	n.a.	P
Seas. Disap.‡	50,638	55,107	57,406	55,099	47,177	53,460	55,705	58,701	56,002	P
EXPORTS**	633	599	828	2,098	2,092	2,081	2,211	2,872	3,537	4,394
GOV. PURCHASES**										
Armed Forces ...	491.5	618.7	581.5	321.3	768.7	305.4	167.8	441.7	421.6	465.1
U.S.D.A.	1,047.7	1,174.2	844.6	64.4	0	600.8	1,639.4	1,774.1	1,118.8	2,087.5[1]
Vet. Adm.	56.7	20.0	25.7	22.1	21.7	70.7	27.8	29.3	57.0	41.6[1]

*With the 1973 Almanac, all actual case canner figures, in all tables, for all years, have been revised to reflect 24/8 oz. containers per case. Detailed distributor figures are not available for conversion and are therefore included, through 1972 on the old basis of 48/8 oz. **Basis 1,000 cases 24/303. Calendar year for Exports. †Beginning 1974 season is computed July 1 to July 1. ‡Thru 1973 based on August 1 Canner Stocks, July 1 Distributor Stocks. (a) Included in May. P-Not available at press time. n.a.-Not available. [1]Estimated Requirements.

F. O. MITCHELL & BRO., Inc.

Packers of

Whole Kernel

SHOEPEG and GOLDEN SWEET CORN

PERRYMAN, MARYLAND

GREEN PEA PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans. To convert to 2's, multiply by .82

1899	3,130	1917	11,991	1928	21,891	1939	19,610	1950	35,479	1961	32,399
1904	5,727	1918	13,497	1929	22,607	1940	30,739	1951	41,378	1962	33,725
1908	6,804	1919	10,596	1930	26,883	1941	35,043	1952	32,342	1963	33,588
1909	6,134	1920	15,027	1931	16,209	1942	43,012	1953	34,206	1964	30,045
1910	5,303	1921	10,013	1932	12,648	1943	42,763	1954	29,220	1965	37,585
1911	5,529	1922	15,911	1933	15,729	1944	38,460	1955	33,399	1966	31,856
1912	8,915	1923	17,017	1934	19,205	1945	48,372	1956	35,682	1967	37,692
1913	10,699	1924	23,564	1935	30,132	1946	49,938	1957	41,290	1968	36,231
1914	10,793	1925	21,736	1936	20,194	1947	40,405	1958	36,035	1969	32,071
1915	11,312	1926	21,605	1937	28,630	1948	28,494	1959	31,309	1970	28,697
1916	8,157	1927	15,782	1938	31,059	1949	28,631	1960	28,714	1971	33,197

GREEN PEA PACKS BY AREA

(Thousands of Cases, basis 24 No. 303 Cans)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
EAST	2,195	2,153	1,872	1,847	2,234	2,057	2,077	1,674	1,491	2,751
MIDWEST	21,155	24,653	25,810	23,462	26,407	28,246	24,512	27,017	20,717	30,525
WEST	5,346	6,391	5,399	4,248	4,479	4,869	5,338	1,546	3,041	3,216
Tot. Bas. 303's	28,697	33,197	33,081	29,558	33,120	35,172	31,927	30,238	25,269	36,492
Tot. Bas. 2's	23,531	27,221	27,126	24,237	27,158	28,841	26,180	24,795	20,704	24,795
Tot. Actual Cs	29,860	34,066	33,400	30,031	33,417	35,250	32,780	30,535	25,426	36,232

GREEN PEA PACKS BY SIZE OF CONTAINER

(Thousands of Actual Cases—Figures Rounded)

Size of Container	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
24/8Z	6,748	7,144	6,674	5,912	6,314	5,980	5,786	5,148	3,915	5,360
24/300-303	19,647	22,506	21,803	20,217	22,583	24,718	23,841	21,840	18,701	26,259
6/10	3,403	4,186	4,705	3,861	4,460	4,552	3,151	3,547	2,809	4,612
Misc. Tin & Gl	62	230	218	41	59	1	2	.....	.....	.....
Total	29,860	34,066	33,400	30,031	33,417	35,250	32,780	30,535	25,425	36,232

GREEN PEA PACKS BY VARIETY BY AREA

(Thousands of Actual Cases—Figures Rounded)

	1975		1976		1977		1978		1979	
	Alaska	Sweets	Alaska	Sweets	Alaska	Sweets	Alaska	Sweets	Alaska	Sweets
EAST	304	1,590	774	1,156	366	1,197	n.a.	1,402	n.a.	1,994
MIDWEST	6,223	22,127	5,450	19,889	5,894	21,503	n.a.	14,986	n.a.	23,668
WEST	.....	5,006	.....	5,511	.....	1,576	n.a.	3,196	n.a.	2,922
Total U.S.	6,527	28,723	6,224	26,556	6,259	24,276	5,841	19,584	7,648	28,584

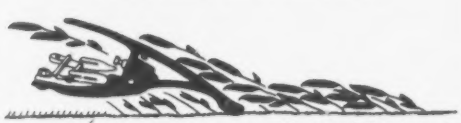
(a) Small amount included in Midwest.

1980-81
DIRECTORY
OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

For Immediate Shipment Phone Today!
301—876-7150

THE CFP DIRECTORY
P.O. Box 550 Westminster, Md. 21157 USA

PICK-UP GUARDS — PEAS
FOR WINDROWERS PEA HARVESTERS
FLOATING CUTTERBARS



Pods and heads saved

Pods and heads lost or cut in half

Manufactured and Unconditionally Guaranteed for over seventy years by
Gaterman MFG. CO., INC.
Phone 414 682-6108
P.O. Box 567, MANITOWOC, WI. 54220

PACKS OF PEAS BY QUALITY BY AREA

(Thousands of Actual Cases—Figures Rounded)

	1970	1971	1972	1973	1974	1975	1976	1977	†1978	†1979
EAST†										
Fancy	1,084	880	586	729	859	714	1,137	752	522	645
Ex. Std.	790	937	995	679	911	959	695	680	601	1,014
Std.	251	193	120	235	270	221	98	130	278	334
Total	2,125	2,010	1,701	1,643	2,039	1,894	1,930	1,562	1,402	1,994
MID WEST†										
Fancy	15,590	17,307	17,413	17,101	17,234	17,782	18,157	18,596	13,620	22,298
Ex. Std.	5,425	7,290	7,435	6,113	7,932	9,048	6,291	7,701	5,968	7,776
Std.	1,079	789	1,248	782	1,555	1,520	891	1,100	1,239	1,242
Total	22,094	25,387	26,097	23,996	26,722	28,350	25,339	27,397	20,827	31,316
WEST†										
Fancy	3,928	4,710	3,823	2,963	3,140	3,310	3,847	960	2,377	1,787
Ex. Std.	1,327	1,552	1,337	1,151	1,164	1,262	1,359	412	679	848
Std.	385	409	443	278	352	434	304	205	140	286
Total	5,641	6,670	5,603	4,392	4,656	5,006	5,511	1,576	3,196	2,922
U.S. TOTAL										
Fancy	20,602	22,897	21,822	20,793	21,234	21,806	23,142	20,308	16,519	24,730
Ex. Std.	7,542	9,779	9,767	7,942	10,006	11,269	8,345	8,792	7,249	9,639
Std.	1,715	1,391	1,810	1,295	2,177	2,175	1,293	1,435	1,657	1,863
Total	29,860	34,067	33,400	30,031	33,417	35,250	32,780	30,535	25,426	36,232
ALASKA										
Fancy	3,411	4,077	3,975	3,697	3,660	3,650	4,110	4,186	3,686	5,011
Ex. Std.	1,247	2,071	1,465	1,380	1,815	2,246	1,681	1,741	1,693	2,179
Std.	318	322	469	308	696	631	432	332	463	458
Total Alaska	4,977	6,469	5,909	5,385	6,171	6,527	6,224	6,259	5,841	7,648
SWEET										
Fancy	17,191	18,820	17,848	17,096	17,574	18,156	19,032	16,122	12,834	19,719
Ex. Std.	6,296	7,708	8,302	6,562	8,191	9,023	6,664	7,051	5,556	7,460
Std.	1,397	1,069	1,341	987	1,481	1,544	861	1,103	1,194	1,405
Total Sweet	24,883	27,597	27,491	24,646	27,246	28,723	26,556	24,276	19,584	28,584

†Beginning in 1978 East & West Alaskas included with Mid West.

Read

Food Production / Management

(Formerly CANNING TRADE)

The magazine for Canned, Glassed and Frozen Food Processors

All the front page industry news needed to keep well informed plus Market and Price Information—condensed for quick, easy reading. Also featuring Technical, Production and Management Articles.

Published Monthly

Annual Subscription $15.00—Subscribe Today

Phone: (301) 467-3338

Food Production / Management

KEEPING THE INDUSTRY INFORMED SINCE 1878

2619 Maryland Ave. • Baltimore, Md. 21218 USA

Also Publishers of "A Complete Course inCanning" 11th Edition—$60.00

CANNED GREEN PEAS CARRYOVER—PACK—STOCKS—SHIPMENTS

(Thousands of Actual Cases—Figures Rounded—Season beginning year shown)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Carryover June 1	6,618	4,945	5,659	4,060	1,728	4,624	8,153	7,903	4,701	1,787
Pack	29,859	34,067	33,400	30,031	33,417	35,250	32,780	30,535	25,426	36,232
Canner Supply	36,478	39,011	39,059	34,091	35,145	39,874	40,933	38,438	30,127	38,019
CANNER SHIPMENTS										
6/1 to 10/1	9,705	9,992	11,823	12,281	12,367	10,515	10,525	10,932	10,545	10,984
October	3,175	3,937	3,549	3,171	3,507	2,977	2,800	3,277	2,518	2,723
November	2,386	2,442	2,575	3,223	1,960	2,879	2,760	3,091	2,648	2,717
December	2,756	2,762	1,454	2,546	2,078	2,724	2,579	2,656	2,706	2,400
January	4,182	3,098	3,925	3,145	2,104	2,993	2,789	2,520	2,056	2,665
February	1,709	3,436	3,546	2,730	2,243	3,036	3,496	3,225	2,469	2,524
March	3,013	3,190	3,062	2,291	2,513	2,654	3,557	3,076	2,413	2,768
April	2,171	2,080	2,395	1,631	(a)	(a)	(a)	(a)	(a)	P
May	2,437	2,416	2,669	1,345	3,749	3,943	4,524	4,961	2,985	P
6/1 to 6/1	31,533	33,352	34,999	32,363	30,521	31,721	33,030	33,737	28,340	P
CANNER STOCKS										
October 1	26,773	29,019	27,236	21,810	22,778	29,359	30,408	27,506	19,581	27,035
November	23,598	25,082	23,687	18,639	19,271	26,382	27,608	24,230	17,063	24,311
December 1	21,212	22,640	21,111	15,416	17,311	23,503	24,848	21,138	14,416	21,594
January 1	18,456	19,879	19,658	12,870	15,232	20,779	22,269	18,482	11,709	19,186
February 1	15,274	16,781	15,733	9,726	13,128	17,786	19,480	15,963	9,654	16,521
March 1	12,565	13,345	12,187	6,995	10,885	14,750	15,984	12,738	7,184	13,997
April 1	9,552	10,155	9,125	4,704	8,373	12,096	12,426	9,662	4,772	11,229
May 1	7,381	8,075	6,729	3,073	n.a.	n.a.	n.a.	n.a.	n.a.	P
June 1	4,945	5,659	4,060	1,728	4,624	8,153	7,903	4,701	1,787	P
DISTRIBUTOR STOCKS*										
November 1	2,878	2,900	2,701	3,237	3,619	3,271	2,880	3,047	3,208	3,098
January 1	2,785	2,872	2,799	3,220	3,665	3,164	2,886	3,024	3,053	2,874
April 1	2,810	2,908	2,964	3,121	3,283	3,106	3,094	2,997	3,020	P
June 1	2,455	2,639	2,641	2,355	2,770	2,925	2,896	2,784	2,459	P
TOTAL CANNER—DISTRIBUTOR STOCKS*										
June 1	9,419	7,400	8,298	6,701	4,083	7,394	11,078	10,799	7,485	4,246
Pack	29,859	34,067	33,400	30,031	33,417	35,250	32,780	30,535	25,426	36,232
Total Supply	39,278	41,467	41,698	36,732	37,500	42,644	43,858	41,334	32,911	40,478
November 1	26,476	27,982	26,388	21,876	22,890	29,653	30,488	27,277	20,271	27,409
January 1	21,241	22,751	22,457	16,090	18,897	23,943	25,155	21,506	14,762	22,060
April 1	12,362	13,063	12,089	7,825	11,656	15,202	15,520	12,659	7,792	P
June 1	7,400	8,298	6,701	4,083	7,394	11,078	10,799	7,485	4,246	P
Seas. Disap.	31,878	33,169	34,997	32,649	30,106	31,566	33,059	33,849	28,665	P
EXPORTS**	156	208	168	171	206	441	255	318	282	217
GOV. PURCHASES**										
Armed Forces	478.9	439.0	335.5	116.8	536.7	170.6	136.2	164.8	112.0	211.3
U.S.D.A.	1,031.4	940.0	388.1	25.2	0	371.5	758.6	914.4	794.3	858.2[1]
Vet. Adm.	98.9	45.4	36.2	39.0	39.3	65.5	37.5	33.5	64.8	61.1[1]

*With the 1973 Almanac, all actual case *canner* figures, in all tables, for all years, have been revised to reflect 24/8 oz. containers per case. Detailed *distributor* figures are not available for conversion and are therefore included, through 1972 on the old basis of 48/8 oz. **Basis 1,000 24/303's. Calendar year for Exports. (a) Included in May. P—Not available at press time. n.a.—Not available. [1]Estimated.

PACKS OF FRESH BLACK EYE PEAS AND SIMILAR VARIETIES

Thousands of Actual Cases, all size cans

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Blackeye	737	626	703	622	737	618	528	516	595	1,415
Field	204	355	108	671	215	224	389	342	267	378
Cream	295	304	368	389	345	116	201	240	309	121
Crowder	176	264	207	233	353	144	125	163	231	162
Purple Hull	870	977	1,034	712	952	735	539	793	810	376
Total	2,282	2,525	2,420	2,628	2,603	1,837	1,783	2,053	2,212	2,452

PACKS OF FRESH BLACK EYE PEAS BY STATE

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Ark. & Okla	304	268	262	338	404	320	290	398	421	834
Texas	386	304	367	251	219	237	205	67	122	546
Other States	47	54	75	34	114	61	32	51	52	35
U.S. Total	737	626	703	622	737	618	528	516	595	1,415

PIMIENTO PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans. Figures Rounded

1943 196	1948 555	1953 1,246	1958 602	1963 321	1968 848
1944 309	1949 783	1954 816	1959 777	1964 686	1969 876
1945 470	1950 1,480	1955 1,229	1960 904	1965 827	1970 627
1946 596	1951 545	1956 426	1961 1,198	1966 675	1971 738
1947 581	1952 378	1957 435	1962 291	1967 761	1972 650

PIMIENTO PACKS BY SIZE OF CONTAINER

(Thousands of Actual Cases—Figures Rounded)

Units per Case & Size of Cont'nr	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
24 4 oz	255	194	142	22	47	109	28	18	2	21
24/7 oz.	197	216	172	22	38	55	69	26	23	39
24/14 oz.	10	13	22	.....	.....	.....	7	.....	1	1
24/2½	71	61	44	7	17	37	41	22	16	20
6/10	18	30	18	.....	.....	36	10	50	19	31
24/2 oz. Glass	808	980	937	547	742	1,048	1,017	496	726	940
24/4 oz. Glass	577	786	682	420	675	855	1,228	390	488	758
24/7 oz. Glass	86	146	161	72	71	101	206	96	23	32
Misc. Tin & Gl ...	14	24	37	30	32	33	23	63	74	73
Total	2,035	2,451	2,214	1,118	1,621	2,274	2,630	1,159	1,371	1,916
Tot Bas 303's	627	738	650	269	396	613	702	407	376	516

CANNED WHITE POTATO PACKS IN THE U.S.

Compiled by Economics & Statistics Div., Nat'l. Food Processors Assn.

(Thousands of Actual Cases - April 1 of year shown to Mar. 31 following year)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
STYLE										
Whole	4,271	5,331	3,448	3,860	5,159	4,832	3,187	4,284	4,160	4,237
Sliced	1,258	1,531	679	850	1,484	944	1,951	1,459	1,278	1,239
Diced	361	206	108	185	348	75	178	217	209	230
CONTAINER SIZE										
24/8z	222	224	69	108	109	74	56	31	49	333
24/300	1,436	1,897	814	1,114	1,470	1,035	606	696	642	884
24/303	2,694	3,203	1,929	2,159	3,315	3,018	3,102	3,242	3,145	2,767
6/10	1,319	1,551	1,277	1,338	1,805	1,484	1,458	1,889	1,742	1,609
Misc.	219	193	147	175	292	240	93	102	69	113
Total A/C	5,890	7,067	4,236	4,895	6,990	5,850	5,315	5,960	5,648	5,706
Total, Basis 303 .	6,602	7,849	5,022	5,658	8,113	6,809	6,201	7,126	6,293	6,517

Primary States canning white potatoes: Ark., Calif., Del., Ga., Ind., Okla., Me., Minn., N.C., N.Y., Pa., Tenn., Va. and Wis.

PUMPKIN & SQUASH PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

1927 1,094	1939 2,292	1946 3,235	1953 2,546	1960 3,501	1967 3,234
1929 2,424	1940 2,299	1947 2,465	1954 1,786	1961 3,019	1968 3,088
1931 1,008	1941 2,494	1948 1,450	1955 3,568	1962 3,406	1969 3,636
1933 1,753	1942 1,529	1949 843	1956 4,217	1963 2,860	1970 2,857
1935 833	1943 1,452	1950 1,778	1957 2,844	1964 2,683	1971 3,149
1937 1,508	1944 2,127	1951 3,481	1958 2,997	1965 2,682	1972 2,856
1938 1,195	1945 1,325	1952 4,449	1959 3,128	1966 3,311	1973 3,272

PUMPKIN AND SQUASH PACKS BY SIZE OF CONTAINER AND AREA

(Thousands of Actual Cases—Figures Rounded)

Units per Case & Size of Cont'nr	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
24/2,303 & 300 ...	1,250	1,089	1,131	1,329	1,350	1,496	1,670	1,005	1,101	1,320
24/2½	970	1,198	948	1,174	975	1,514	1,467	671	864	1,032
6/10	622	848	766	765	703	1,006	762	474	446	524
Misc. Tin & Gl. ..	15	14	12	4	.....	.....	.....	.....	.....	.....
Mid-West	2,042	2,226	2,308	2,140	1,553	2,935	2,879	1,621	1,943	2,160
Other States	815	923	549	1,132	1,475	1,080	1,019	529	468	717
Total	2,857	3,149	2,856	3,272	3,028	4,015	3,898	2,151	2,411	2,877
Tot. Bas. 303's ...	3,973	4,581	4,064	4,632	4,214	5,805	5,500	2,962	3,353	3,997

PUMPKIN AND SQUASH CARRYOVER—PACK—STOCKS—SHIPMENTS

(Thousands of Actual Cases—Figures Rounded—Season beginning year shown)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Carryover-7/1	955	1,329	1,106	480	417	233	704	1,790	1,208	638
Pack	2,857	3,149	2,856	3,272	3,028	4,015	3,898	2,151	2,411	2,877
Total Can. Sup. ..	3,812	4,478	3,962	3,752	3,444	4,249	4,603	3,941	3,619	3,514
CANNER SHIPMENTS										
7/1 to 12/1*	2,236	2,715	2,754	2,993	3,056	3,474	2,707	2,655	2,842	2,848
12/1 to 4/1**	152	437	334	228	64	11	1	†0	67	†-47
4/1 to 7/1	95	221	394	114	92	60	104	88	73	P
7/1 to 7/1	2,483	3,372	3,482	3,336	3,211	3,544	2,812	2,733	2,982	P
CANNER STOCKS										
December 1*** ..	1,576	1,763	1,208	759	388	775	1,895	1,286	777	667
April 1	1,424	1,326	874	531	325	764	1,894	1,296	711	714
July 1	1,329	1,106	480	417	233	704	1,790	1,208	638	P
DISTRIBUTOR STOCKS										
January 1	389	387	390	411	397	625	510	402	341	505
July 1	275	270	225	235	245	465	365	249	197	P

P—Not available at press time. *Beginning 1973 Shipments are 7/1-1/1. **Beginning 1973 Shipments are 1/1-4/1. ***Beginning 1973 Stocks are Jan. 1. †Due to shipments returned.

SAUERKRAUT PACKS IN THE UNITED STATES

Compiled by National Kraut Packers Association

Season beginning year shown.

Thousands of Cases, basis 24 No. 303 Cans. To convert to 2's, multiply by .82

1939 7,226	1944 3,954	1949 9,527	1954 9,829	1959 8,229	1964 9,026
1940 10,648	1945 10,358	1950 10,857	1955 9,267	1960 9,833	1965 10,768
1941 10,011	1946 10,103	1951 8,834	1956 9,922	1961 9,923	1966 10,019
1942 4,299	1947 5,175	1952 8,688	1957 9,673	1962 9,400	1967 11,424
1943 4,541	1948 7,938	1953 10,043	1958 9,316	1963 9,554	1968 10,825

SAUERKRAUT PACKS BY STATE AND CONTAINER SIZE

Thousands of Cases, basis 24 No. 303 Cans. Figures Rounded—Season beginning year shown*

	1969	1970	1971	1972	1973	1974	*1975	*1976	*1977	*1978
							Not Comparable With Earlier Years			
East	2,888	3,450	3,071	2,977	3,034	3,593	3,144	2,831	3,139	3,420
Midwest	4,201	4,545	6,250	5,259	5,421	4,004	4,219	4,130	3,962	3,792
West	1,051	1,278	1,175	1,226	1,188	1,348	1,083	922	804	887
All States Glass .	†2,430	†2,815	†770	†547	†930	†3,264	1,413	1,526	1,514	1,410
Tot. 303's	10,569	12,088	11,266	10,008	10,573	12,209	9,859	9,409	9,419	9,509

EAST includes Mass., Conn., N.Y., Md., Pa., N.C., Fla. MIDWEST: Wis., Ill., Ohio, Mich., Ind., Tenn., Tex. WEST: Ore., Wash., Colo., Utah, Calif., Idaho. †Includes some tin in minor states.

CONTAINER SIZE (Actual Cases)										
24/8 oz	914	1,030	931	874	910	1,023	733	613	690	793
24/300	395	460	329	259	290	351	188	177	188	200
24/303	2,783	3,018	2,819	2,332	2,709	3,434	2,683	2,753	2,966	2,949
24/2½	1,796	2,143	1,807	1,606	1,639	1,884	1,587	1,489	1,325	1,340
6/10	1,074	1,274	1,164	1,059	1,118	1,226	1,380	1,126	1,183	1,220
Misc. Tin & Gl ...	2,037	2,265	2,446	2,079	2,460	2,666	1,485	1,609	1,591	1,730
Total	9,000	10,190	9,496	8,208	9,126	10,585	8,056	7,767	7,943	8,232

*Thru 1974-75 figures represented pack Aug 1 thru July 31 - Later years Sept. 1 thru Aug. 31.

*CANNERS STOCKS (year beginning date shown)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
July 1	.....	.....	1,573	1,657	1,690	3,296	3,628	3,552	3,013	3,003
Nov. 1	.....	.....	4,560	7,333	9,762	10,844	10,142	9,735	8,848	9,276
Jan 1	.....	.....	3,845	6,608	8,392	9,425	8,953	8,645	7,959	8,411
Apr 1	.....	.....	2,100	3,574	5,378	6,119	5,969	5,603	5,351	P

*Converted, basis 18 cases 303's per barrell of 45 gal. Source Bureau of Census "Current Business Reports." P—Not available at press time.

SPINACH PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans. To convert to 2's,multiply by .82

1909	311	1931	2,768	1940	6,076	1948	6,113	1956	7,819	1964	7,641
1914	817	1933	3,878	1941	6,118	1949	8,178	1957	7,740	1965	6,395
1919	1,411	1934	4,395	1942	11,671	1950	6,796	1958	6,390	1966	6,954
1921	1,212	1935	5,268	1943	9,005	1951	9,331	1959	8,701	1967	7,409
1923	3,912	1936	5,149	1944	12,148	1952	7,459	1960	7,797	1968	7,990
1925	3,195	1937	7,468	1945	10,537	1953	6,597	1961	7,708	1969	6,577
1927	3,923	1938	3,529	1946	10,307	1954	4,854	1962	7,266	1970	7,270
1929	7,521	1939	4,948	1947	4,769	1955	7,326	1963	8,031	1971	7,675

SPINACH PACKS BY STATE

Thousands of Cases, basis 24 No. 303 Cans. Figures Rounded

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Ark. & Okla.	2,197	2,247	2,617	2,813	3,234	2,238	1,743	2,332	2,372	1,771
California	3,129	4,181	4,209	3,913	4,922	3,795	2,932	2,396	1,806	2,938
Other States	1,944	1,247	1,429	2,217	2,678	2,294	1,629	2,380	2,037	3,411
Total 303's	7,270	7,675	8,255	8,944	10,834	8,328	6,304	7,108	6,214	8,121
Tot. Basis 2's	5,961	6,294	6,769	7,334	8,884	6,829	5,169	5,827	5,096	6,659
Tot. Actual Cs.	6,393	6,817	7,248	8,051	9,573	7,521	5,806	6,567	5,804	7,690

SPINACH PACKS BY SIZE OF CONTAINER

(Thousands of Actual Cases — Figures Rounded)

Units per Case & Size of Cont.	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
24/8 oz.	773	904	784	1,033	1,131	911	756	909	831	1,195
48/1 Pic.	55	53	49	20	8	63	4	3	2	3
24/303 & 300	3,769	4,006	4,473	4,965	5,779	4,749	3,779	4,209	3,779	5,034
24/2½	807	877	877	904	1,150	794	561	569	490	705
6/10	990	977	1,064	1,117	1,486	997	697	877	703	753
Misc. Tin & Gl.	.....	.....	.....	13	20	7	8	.....	.....	.....
Total	6,393	6,817	7,248	8,051	9,573	7,521	5,806	6,567	5,804	7,690

TOMATO PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans. To convert to 2's multiply by .82

1899	18,119	1917	31,397	1928	17,782	1939	29,848	1950	25,751	1961	34,034
1904	19,587	1918	33,076	1929	29,458	1940	36,030	1951	38,759	1962	35,541
1908	23,906	1919	22,512	1930	35,399	1941	38,746	1952	34,136	1963	33,041
1909	22,875	1920	23,674	1931	19,936	1942	50,327	1953	27,248	1964	36,431
1910	19,232	1921	8,366	1932	24,848	1943	35,708	1954	26,629	1965	36,015
1911	20,303	1922	24,028	1933	24,961	1944	31,841	1955	30,167	1966	32,662
1912	29,201	1923	30,555	1934	27,299	1945	20,444	1956	36,457	1967	39,127
1913	29,585	1924	26,071	1935	32,921	1946	29,106	1957	26,446	1968	48,422
1914	31,700	1925	41,172	1936	29,785	1947	33,805	1958	37,152	1969	32,036
1915	17,637	1926	19,690	1937	32,006	1948	29,759	1959	29,422	1970	39,017
1916	27,369	1927	27,358	1938	28,220	1949	26,275	1960	30,991	1971	38,367

TOMATO PACKS BY AREA

(Thousands of Cases, basis 24 No. 303 Cans. Figures Rounded—Calendar Year)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
East	3,464	3,053	3,408	2,239	2,322	1,947	2,101	2,374	2,598	2,555
Midwest	3,646	3,851	3,158	2,920	2,230	3,005	3,515	3,773	4,214	4,042
South	2,175	2,386	1,744	1,944	1,073	1,954	2,146	1,492	1,506	1,519
West	29,732	29,076	34,991	38,328	38,169	46,559	35,043	46,486	40,924	44,781
Total 303's	39,017	38,367	43,301	45,431	43,794	53,465	42,805	54,124	49,241	52,896
Total Basis 2's	31,994	31,461	35,507	37,253	35,911	43,842	35,100	44,382	40,378	43,375
Total A/C	29,861	30,253	33,421	34,983	33,851	40,560	32,941	41,262	37,090	39,970

TOMATO PACKS BY SIZE OF CONTAINER

(Thousands of Actual Cases—Figures Rounded—Calendar Year)

Units per Case & Size of Cont'nr	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
24/2	56	79	29	32	41	33	20	46	40	118
24/8Z	n.a.	1,246	1,015	846	903	987	744	1,088	786	886
48/1 Pic	247	460	274	280	186	329	332	308	140	234
24/300/303	15,916	15,814	16,502	17,616	16,910	19,051	16,440	19,455	17,109	18,245
24/2½	6,806	5,535	6,098	6,521	6,550	8,266	6,012	6,802	6,201	6,731
6/10	6,156	6,967	9,013	9,267	8,504	11,151	8,858	12,983	12,429	13,027
Misc. Tin & Gl.	680	151	490	421	756	743	536	580	385	730
Total	29,861	30,253	33,421	34,983	33,851	40,560	32,941	41,262	37,090	39,970

(a) No. 300's included in No. 303.

CANNED TOMATOES — CARRYOVER—PACK—STOCKS—SHIPMENTS

(Thousands of Actual Cases—Figures Rounded—Season beginning year shown)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Carryover 7/1	6,361	6,486	4,356	4,117	2,450	4,256	8,961	6,917	12,157	10,866
Pack, 7/1-1/1	28,849	28,417	32,354	33,957	33,171	39,203	31,439	40,375	36,167	38,491
Pack, 1/1-4/1	522	376	428	288	511	580	226	457	433	389
Pack,4/1-7/1	691	690	597	516	1,002	923	661	466	648	P
Canner Supply	36,423	35,969	37,736	38,877	37,134	44,962	41,287	48,215	49,405	†49,745
CANNER SHIPMENTS										
7/1 to 1/1	15,126	15,975	16,023	20,102	18,559	18,742	18,514	18,496	19,130	20,585
1/1 to 4/1	8,699	9,779	10,916	10,743	8,666	10,929	10,849	10,890	11,100	13,102
4/1 to 7/1	6,112	5,859	6,680	5,582	5,653	6,331	5,008	6,672	8,309	P
Tot. 7/1 to 7/1	29,937	31,613	33,619	36,427	32,877	36,001	34,370	36,058	38,539	P
CANNER STOCKS										
January 1	20,084	18,927	20,687	17,972	17,062	24,718	21,886	28,796	29,194	28,771
April 1	11,907	9,525	10,199	7,516	8,907	14,369	11,263	18,363	18,527	16,058
July 1	6,486	4,356	4,117	2,450	4,256	8,961	6,917	12,157	10,866	P
DISTRIBUTOR STOCKS										
January 1	2,631	2,562	3,106	3,295	4,144	3,580	3,926	3,284	3,342	3,215
April 1	3,220	3,153	3,333	3,960	3,899	3,919	4,256	3,897	3,861	P
July 1	2,937	2,869	3,138	3,364	3,119	3,166	3,478	3,409	3,338	P
TOTAL CANNER—DISTRIBUTOR STOCKS										
July 1	9,075	9,423	7,225	7,255	5,814	7,375	12,127	10,395	15,566	14,204
Pack	30,062	29,483	33,379	34,761	34,684	40,706	32,326	41,298	37,248	P
Total Supply	39,137	38,906	40,604	42,016	40,498	48,081	44,453	51,693	52,814	P
January 1	22,715	21,489	23,793	21,267	21,206	28,298	25,812	32,080	32,536	31,986
April 1	15,127	12,678	13,532	11,476	12,806	18,288	15,519	22,260	22,388	P
July 1	9,423	7,225	7,255	5,814	7,375	12,127	10,395	15,566	14,204	P
Season Disap	29,714	31,681	33,349	36,202	33,123	35,954	34,058	36,127	38,610	P
EXPORTS*	818	743	851	1,056	1,139	1,052	1,256	984	1,176	1,737
GVM'T PURCHASES*										
Armed Forces	788.8	1,312.3	623.9	1,022.5	592.3	852.5	349.1	793.7	518.2	518.4
USDA	1,700.5	1,725.8	1,820.0	996.4	0	345.7	590.6	1,936.0	1,581.4	2,164.9[1]
Vet. Admn.	84.0	103.1	16.1	39.3	68.7	52.9	91.8	66.3	35.0	66.9[1]

†To April 1st. *Basis 1,000 cases 24/303, Season beginning year shown. Calendar year for Exports. P-Not available at press time. [1]Estimated.

OHIO'S FINEST TOMATOES, TOMATO PRODUCTS,
AND SAUERKRAUT

HIRZEL CANNING COMPANY

GROWERS AND PACKERS OF

STAR CROSS AND SILVER FLEECE BRANDS

411 Lemoyne Rd., Toledo, Ohio 43619 Tel. 419—693-0531

TOMATO JUICE PACKS IN THE U.S.

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

(Thousands of Actual Cases—Figures Rounded)

1931	4,584	1939	11,091	1946	30,525	1953	32,733	1960	29,937	1967	33,151
1933	4,170	1940	12,414	1947	16,880	1954	23,466	1961	28,845	1968	31,359
1934	5,704	1941	19,046	1948	32,701	1955	23,699	1962	36,457	1969	26,388
1935	9,287	1942	20,738	1949	20,560	1956	28,017	1963	31,284	1970	27,998
1936	13,105	1943	19,252	1950	22,741	1957	28,483	1964	32,397	1971	29,540
1937	13,445	1944	26,487	1951	31,626	1958	32,621	1965	30,564	1972	23,741
1938	8,988	1945	24,553	1952	31,417	1959	28,303	1966	29,753	1973	26,771

Units per Case & Size of Cont'nr	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
48/5-6-8 Oz.	5,719	6,021	4,813	7,239	6,300	6,886	5,932	5,750	6,814	6,177
48/211 Cyl.	683	738	387	540	840	492	652	687	552	370
24/300 & 303 x406-500	1,053	767	672	637	608	654	547	472	310	354
24/No. 2	946	1,136	840	1,273	917	1,034	695	704	498	526
12/29-32-36 oz.	473	289	495	1,176	2,520	2,337	1,615	1,276	1,738	1,277
12/No. 3 Cyl.	16,139	17,475	14,252	14,833	15,414	15,775	15,036	12,427	15,862	15,052
6/No. 10	160	269	234	171	372	418	284	383	407	394
Misc. Tin	2,825	2,845	2,049	902	1,083	7	4	13	133	161
Total	27,998	29,540	23,741	26,771	28,053	27,603	24,764	21,711	26,313	24,312
†California	12,992	14,562	13,736	16,145	16,240	17,242	14,544	14,683	13,958	13,743
Other States	15,006	14,977	10,006	10,626	11,814	10,360	10,220	7,028	12,356	10,569
Tot. Basis 303's	36,761	38,411	31,074	33,936	36,133	35,358	32,155	27,844	33,920	31,517

†Reports by Canners League of California.

TOMATO JUICE CARRYOVER, PACKS, STOCKS, SHIPMENTS

(Thousands of Actual Cases—Figures Rounded, Season beginning year shown)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Carryover 7/1	6,490	5,872	6,723	2,205	3,834	4,556	5,322	7,096	4,714	5,101
Pack	27,998	29,540	23,741	26,771	28,053	27,603	24,764	21,711	26,313	24,312
Canner Supply	34,488	35,412	30,464	28,976	31,887	32,159	30,086	28,807	31,027	29,413
CANNER SHIPMENTS										
7/1 to 1/1	13,801	14,435	14,186	11,466	14,692	14,833	10,828	12,308	14,475	14,317
1/1 to 4/1	7,807	7,635	7,470	8,358	6,110	6,160	6,879	6,272	5,755	5,506
4/1 to 7/1	7,008	6,619	6,604	5,318	6,529	5,845	5,284	5,513	5,697	P
7/1 to 7/1	28,616	28,689	28,259	25,142	27,331	26,837	22,990	24,093	25,926	P
CANNER STOCKS										
January 1	20,687	20,977	16,278	17,510	17,195	17,327	19,258	16,499	16,553	15,096
April 1	12,881	13,342	8,809	9,152	11,085	11,167	12,379	10,226	10,798	9,590
July 1	5,872	6,723	2,205	3,834	4,556	5,322	7,096	4,714	5,101	P
DISTRIBUTORS STOCKS										
January 1	1,729	1,930	1,831	1,860	1,900	1,824	2,538	1,640	1,687	1,516
April 1	1,965	1,993	1,820	2,443	2,024	2,027	2,025	1,993	1,830	P
July 1	1,827	1,826	1,775	1,819	1,798	1,813	1,766	1,679	1,454	P
TOTAL CANNER—DISTRIBUTOR STOCKS										
July 1	8,333	7,699	8,549	3,980	5,653	6,354	7,135	8,862	6,393	6,555
Pack	27,878	29,540	23,741	26,771	28,053	27,603	24,764	21,711	26,313	24,312
Total Supply	36,211	37,239	32,290	30,751	33,706	33,957	31,899	30,573	32,706	30,867
January 1	22,416	22,907	18,110	19,370	19,095	19,151	21,796	18,139	18,240	16,612
April 1	14,846	15,335	10,629	11,595	13,109	13,194	14,404	12,219	12,628	P
July 1	7,699	8,549	3,980	5,653	6,354	7,135	8,862	6,393	6,555	P
Season Disap	28,512	28,690	28,310	25,098	27,352	26,822	23,037	24,180	26,151	P
EXPORTS*	371	341	372	592	560	903	1,293	1,147	850	758
GVM'T PURCHASES*										
Armed Forces	476.6	351.5	574.1	217.8	370.6	174.7	19.1	51.4	133.1	120.4
USDA	958.2	807.6	704.8	0	0	0	0	134.1	260.3	446.5[1]
Vet. Admn.	47.8	31.0	16.0	33.6	37.9	27.5	30.2	26.3	39.2	35.8[1]

*Basis 1,000 cases 12/46 oz., Season beginning year shown. Calendar year for Exports. Includes veg. juice cocktail. P-Not available at press time. n.a.-Not available. [1]Estimated Requirements.

TOMATO CATSUP PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

(Thousands of Actual Cases—Figures Rounded)

1942 11,771	1947 20,661	1952 19,652	1957 24,079	1962 42,018	1967 44,256
1943 9,382	1948 16,897	1953 19,116	1958 28,364	1963 34,705	1968* ...10,509
1944 11,688	1949 10,900	1954 18,565	1959 25,774	1964 38,775	1969* 4,950
1945 11,484	1950 14,793	1955 22,947	1960 33,818	1965 41,130	1970* 5,377
1946 15,751	1951 24,015	1956 30,301	1961 33,706	1966 41,450	1971* 7,490

Units per Case & Size of Cont.	*1970	*1971	*1972	*1973	*1974	*1975	*1976	*1977	*1978	*1979
6/#10 Tin & Lgr .	5,224	7,386	6,155	6,324	7,739	10,083	5,313	8,065	6,760	6,575
1/5 gal can	154	104	118	175	(a)	(a)	(a)	(a)	(a)	(a)
Total Above	5,377	7,490	6,272	6,499	7,739	10,083	5,313	8,065	6,760	6,575
†California	3,668	4,623	4,784	5,596	6,372	8,977	3,820	6,864	5,605	5,742
Other States	1,709	2,867	1,488	904	1,367	1,106	1,493	1,201	1,155	833

*Includes only No. 10's & larger. †Reports by Canners League of California, 6/10's and larger. (a) converted to and included with No. 10's.

CHILI SAUCE PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

(Thousands of Actual Cases—Figures Rounded)

1947 3,621	1951 3,220	1955 2,395	1959 2,826	1963 2,145	1967 2,453
1948 2,544	1952 2,848	1956 3,292	1960 2,567	1964 2,443	1968 3,355
1949 1,370	1953 2,563	1957 2,208	1961 2,489	1965 2,646	1969 2,506
1950 1,814	1954 1,979	1958 2,099	1962 2,889	1966 2,853	1970 2,427

PACK BY SIZE OF CONTAINER — ACTUAL CASES

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
12 oz. glass	1,871	1,622	1,798	1,399	1,386	1,349	1,573	1,251	1,310	1,185
No. 10 tin	485	521	624	705	666	777	869	859	1,468	966
Misc.	71	51	89	121	47	.....	.....	.....	.....	.....
Total	2,427	2,195	2,511	2,225	2,099	2,126	2,442	2,111	2,778	2,151
†California	1,184	1,054	1,193	1,384	1,237	1,302	1,395	1,313	1,854	1,317
Other States	1,243	1,141	1,318	841	862	824	1,047	798	924	834

†Reports by Canners League of California.

TOMATO PULP (PUREE) PACKS IN THE U.S.*

(Thousands of Cases, basis 24 No. 303's. To convert to 10's, divide by 1.62

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
EAST	602	715	366	454	420	380	585	437	373	524
MIDWEST	407	547	516	421	377	454	292	275	264	257
WEST	4,938	6,582	8,823	9,018	9,485	12,973	7,500	9,112	7,788	9,614
Total 303's	5,947	7,844	9,705	9,895	10,282	13,807	8,377	9,824	8,425	10,395
Tot. Bas. 10's	3,664	4,832	5,991	6,108	6,347	8,560	5,171	6,064	5,201	6,417
Tot. Act. Cs	3,787	5,090	6,075	6,176	6,361	8,782	5,265	6,180	5,305	6,535
BY CONTAINER SIZE										
24/300/303's	178	331	241	257	357	499	211	341	324	395
24/2's	38	26	35	54	57	47	35	27	31	33
24/2½'s	1,134	1,422	2,006	2,009	2,157	2,670	1,743	1,385	1,545	2,225
6/10's	1,992	2,769	3,218	3,485	3,648	4,778	2,846	4,148	3,103	3,452
Misc.	445	542	575	372	142	789	431	279	303	430
Tot. A/C	3,787	5,090	6,075	6,176	6,361	8,782	5,265	6,180	5,305	6,535

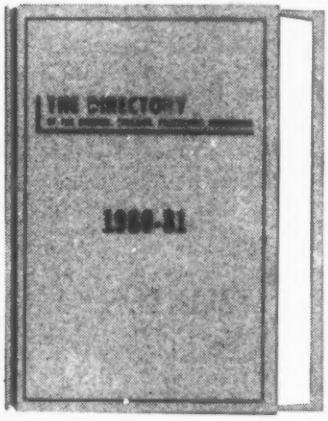
*California Tomato Paste pack not included.

TOMATO PRODUCT PACKS AND VALUES REPORTED BY BUREAU OF CENSUS

Thousands of Cases and Millions of Dollars

	1963		1967		1972		1977P	
	Pack	Value	Pack	Value	Pack	Value	Pack	Value
[1]Tomato Sauces	19,341	86.6	25,197	131.2	28,414	146.9	51,536	409.3
7.1 oz to 10 oz (8z S & T etc)	8,783	46.3	11,355	63.4	12,699	73.4	9,286	81.5
Other Sizes	10,558	40.3	13,842	67.8	15,715	73.5	42,250	327.8
Catsup	33,313	119.4	42,134	200.7	44,514	229.5	49,396	414.8
14 oz. to 32 oz.	20,448	68.8	18,246	84.1	n.a.	n.a.	32,422	276.4
Other sizes (incl. indiv)	12,865	50.6	23,598	115.9	n.a.	n.a.	16,974	138.4
Chili Sauce	2,900	9.4	2,758	11.8	3,020	15.4	5,416	40.7
Barbecue Sauce	n.a.	n.a.	4,434	18.2	8,006	34.6	3,575	38.5
Tomato Paste	10,538	56.8	13,699	101.1	14,262	130.3	25,915	343.9
4.1 oz to 7 oz (6 oz. etc)	4,183	17.4	3,768	23.3	5,335	32.1	4,613	46.4
100.1 oz to 115 oz (No. 10)	1,939	13.2	2,304	22.7	2,061	21.8	2,537	33.3
Other (incl bulk-equiv 24%)	4,416	26.2	7,627	55.1	6,866	76.4	[2]18,765	264.2
Tom Pulp & Puree	5,812	23.8	7,233	41.0	6,849	37.1	9,356	76.0
Other, n.s.k.	436	1.8	1,225	4.4	1,663	9.5	[3]2,700	21.6
TOTAL	72,340	297.9	96,680	507.7	106,728	603.3	147,894	1,344.8

[1]Except catsup & chili sauce, pulp, puree, or paste. [2]775 million pounds converted to thousands of cases, basis 6/10's. [3]Estimated. P-Preliminary.



THE DIRECTORY
OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

1980-81 EDITION NOW READY

Covers packers of fruits, berries, vegetables, juices, drinks, meats, seafoods, mayonnaise, dressings, pickles, jams, jellies, soups, specialties.

EXTENSIVE DETAIL, ORGANIZED FOR MAXIMUM EASE IN USE

Personnel & job function, phone numbers, pack volume, factory locations, plant managers, products by factory and process, container sizes, divisions and subsidiaries, detailed product and geographic lists, both with full addresses, plus an alpha list of brands. 592 pages of solid information in a durable, hardbacked book.

The use of an outdated reference costs more than it saves.
ORDER NOW AND GET THE MOST FOR YOUR MONEY
Two full years of use, of the best directory to be had.

THE CFP DIRECTORY
P.O. Box 550, Westminster, Md. 21157 USA • 301—876-7150

ORDER BY PHONE

TURNIP AND OTHER LEAFY GREEN PACKS

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.
(Thousands of Actual Cases—Figures Rounded)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Turnip Grns.....	1,225	1,718	1,312	1,657	2,010	999	1,207	1,042	1,247	1,236
Mustard Grns ...	569	713	375	654	743	499	593	334	433	487
Other Grns.....	1,081	1,187	538	978	945	1,030	719	824	748	952
Total.....	2,876	3,617	2,225	3,288	3,698	2,528	2,518	2,200	2,428	2,676
Tot. Basis 303's .	3,527	4,443	2,776	4,029	4,558	3,023	3,125	2,632	2,880	3,195
BY SIZE										
24/303 & 300.....	1,872	2,296	1,382	2,130	2,351	1,725	1,578	1,549	1,739	1,868
24/2½	274	275	255	247	247	155	160	186	162	125
6/10	730	1,047	587	911	1,100	648	780	465	527	683
BY STATE										
Ark. & Okla	1,075	1,749	851	1,509	1,723	1,243	1,356	767	981	1,282
Other States	1,800	1,869	1,373	1,780	1,975	1,285	1,162	1,433	1,447	1,393

SWEET POTATO PACKS IN THE UNITED STATES

Thousands of Cases, basis 24 No. 303 Cans. To Convert to 2's, multiply by .82

1940	1,194	1945	3,751	1950	5,190	1955	6,165	1960	6,942	1965	11,101
1941	2,430	1946	5,089	1951	3,964	1956	6,177	1961	8,157	1966	10,024
1942	1,121	1947	2,055	1952	6,091	1957	6,519	1962	10,876	1967	9,848
1943	1,482	1948	2,215	1953	5,948	1958	8,558	1963	8,756	1968	10,846
1944	2,050	1949	3,837	1954	4,954	1959	8,864	1964	7,865	1969	12,499

SWEET POTATO PACKS BY SIZE OF CONTAINER AND STATE

Season beginning year shown (Thousands of Actual Cases—Figures Rounded)

SIZE	1969	1970	1971	1972	1973	1974	1975	1976	[1]1977	[1]1978
24/8 oz.....	514	388	342	419	392	693	182	198	146	263
24/2 Sq.....	272	239	204	105	233	70	56	7	140	164
24/303 & 300	1,555	1,768	1,467	1,300	1,558	2,133	910	977	984	1,346
24/3 Sq.....	2,006	1,442	1,211	1,233	1,357	1,324	822	745	628	966
24/2½	2,054	1,350	1,245	1,242	1,443	1,688	947	961	758	885
12/3 cyl	200	108	106	69	84	206	134	98	41	41
6/10	1,635	1,367	1,280	1,067	1,552	1,416	1,190	1,421	1,267	1,672
12/40 oz.....	(a)	(a)	900	905	1,016	1,199	718	730	730	922
Miscellaneous ...	1,003	855	24	8	10	5	.....	.....	.....	.....
STATE										
Md.N.J.Del.Va.&N.C	1,497	1,203	1,012	1,787	2,155	1,860	1,534	1,600	1,803	2,764
La., Ala.*.....	5,148	4,434	4,196	3,861	5,041	6,081	2,844	2,576	2,140	2,545
Ark., Okla.	517	436	632	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Other States	2,077	1,443	939	699	450	793	583	962	751	951
Total.....	9,239	7,516	6,779	6,347	7,647	8,734	4,961	5,138	4,694	6,260
Tot. Bas.24/303 ..	12,499	9,846	10,056	9,461	11,415	12,567	7,668	7,960	7,194	9,436

[1]1978-79 pack 7/1/78 to 4/1/79 - 6,259,821 A/C, 9,436,447 basis 303. (a) Included in Misc. (b) Included in Other States. *Includes Fla., Ga. & Miss. Beginning 1972.

SWEET POTATO PACKS BY STYLE

(Thousands of Actual Cases—Figures Rounded)

STYLE	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Solid Pack	240	222	212	159	111	163	121	145	143	176
Sirup Pack	8,352	6,830	6,090	5,561	7,060	8,094	4,577	4,643	4,347	5,702
Vacuum Pack ...	647	463	477	627	475	477	262	350	204	381
Total.....	9,239	7,516	6,779	6,347	7,647	8,734	4,961	5,138	4,694	6,260

MISCELLANEOUS VEGETABLE PACKS

(Thousands of Actual Cases—Figures Rounded)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Peas & Carrots ..	2,480	2,511	2,283	2,613	2,852	2,825	2,193	1,931	2,018	2,337
Mixed Veg.	4,256	4,435	4,178	6,096	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Succotash	379	378	348	435	445	460	175	217	144	750
Okra	408	320	241	269	440	182	183	206	232	260
Okra & Tom.* ...	345	373	324	264	430	231	162	260	186	144

*Includes some pack of the product combining Okra, Corn and Tomatoes. n.a.—Not available.

CANNED FRUIT PACK STATISTICS

GLASS PACK: In most of the tables showing the pack by Size of Container, all Glass pack has been included with tin of comparable size; viz., No. 2½ jar with No. 2½ tin; 16 oz. jar with 303 tin, etc.

SUMMARY OF CANNED FRUIT AND FRUIT JUICE PACKS

Compiled by Division of Statistics, National Canners Association

Thousands of Cases—Basis 24/2½—Figures Rounded

FRUITS	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Apples (b)	2,090	2,358	2,162	3,246	2,175	†1,117	†1,566	1,703	1,765	[1]2,330
Applesauce	14,131	15,148	11,942	15,166	16,555	†9,588	†8,911	10,671	11,562	[1]12,185
Apricots	3,766	3,263	3,041	4,094	1,987	4,421	2,387	2,269	2,127	2,887
Berries (a)	426	441	356	303	598	440	266	123	273	n.a.
RSP Cherries	978	1,041	1,299	579	1,188	1,273	438	605	582	526
Sweet Cherries ..	663	536	393	503	623	412	464	501	485	651
Cranb. Sce	3,881	3,453	3,501	4,713	4,328	3,430	3,469	3,397	3,670	3,618
Figs (c)	370	205	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Frt Cocktail(c) ...	13,081	13,334	11,855	13,384	14,907	13,677	13,605	12,979	11,704	13,815
Fruit Salad (c) ...	658	784	724	799	876	583	518	595	2,153	3,145
Grapef.Seg(b)(d) .	2,285	1,774	1,854	2,089	1,543	1,106	1,188	1,210	1,258	(e)
Mixed Fr. (c)	548	695	752	736	959	708	731	1,564	[2]	[2]
Peaches	29,602	25,762	24,016	24,513	32,431	28,984	24,810	29,217	21,413	25,840
Pears	8,610	10,309	9,063	9,841	10,692	9,776	11,518	9,614	9,026	10,568
Pineapple (b)	17,813	17,705	16,540	14,981	13,913	14,221	17,270	18,424	18,349	18,545
Purple Plums	840	1,199	394	1,261	1,166	1,447	1,042	817	923	711
Total Fruits	99,742	98,007	87,892	96,208	103,741	91,183	88,183	93,689	85,290	(e)
FRUIT JUICES [(b)]										
Apple	9,741	9,680	9,847	10,265	10,811	†10,826	10,920	12,906	17,137	[1]14,682
Grapefruit (d) ...	17,935	18,476	19,501	20,011	14,924	17,817	19,105	18,243	17,567	(e)
Orange (d)	10,662	9,558	11,766	9,535	9,173	9,288	9,960	10,950	12,869	(e)
Citrus Blend(d) ..	1,725	1,369	1,473	1,368	1,189	1,911	1,093	1,342	979	(e)
Pineapple	9,456	9,412	7,831	7,831	5,829	6,012	7,041	8,264	7,822	8,408
Total Juices	49,519	48,495	50,418	49,010	41,926	45,854	48,119	51,705	56,374	(e)
Total Fruits & Juices	149,261	146,502	138,310	145,218	145,667	137,037	136,302	145,699	141,664	(e)

(a) Includes Blackberries, Blueberries, Boysenberries, Loganberries, Youngberries, Gooseberries, Raspberries, Strawberries, Plums not purple, Rhubarb. (b) Pack beginning year shown. (c) California. (d) Florida. (e) Pack not yet compiled. *Not complete. n.a.—Not available. †Not comparable to prior years. See notes on Pack Reports. [1]To April 1. [2]Includes or combined with fruits for salad.

U.S. PACKS OF APPLES

Thousands of Cases — Pack Beginning Year Shown

Actual Cases										
1923	2,126	1936	2,620	1944	3,356	1951	3,388	1959	4,034	1967	3,676
1925	3,467	1937	2,672	1945	1,192	1952	2,560	1960	3,326	1968	3,604
1927	2,939	1938	1,751	Basis 6/10's		1953	2,942	1961	3,986	1969	3,128
1929	2,593	1939	2,841	1946	3,266	1954	4,709	1962	4,036	1970	2,271
1931	2,067	1940	2,250	1947	2,242	1955	3,587	1963	4,062	1971	2,564
1933	2,554	1941	4,348	1948	1,687	1956	3,917	1964	3,928	1972	2,350
1934	2,584	1942	4,165	1949	4,218	1957	3,668	1965	4,409		

PACKS OF APPLES BY STATES

Thousands of cases - Basis 6/10's per case — Pack Beginning Sept. 1 of Year Shown

	1969	1970	1971	1972	1973	1974	*1975	*1976	*1977	*1978
Md.,Pa.,Va.,N.Y.	2,491	1,633	1,952	1,822	2,225	1,569	623	836	961	1,084
Wash.,Ore.,Ida. ..	328	301	222	220	708	446	376	549	493	322
Other States	308	338	389	307	595	349	213	317	397	513
Total U.S.	3,128	2,271	2,564	2,350	3,528	2,365	1,213	1,702	1,851	†1,919

*Aug. 1 to Aug. 1. Not comparable to prior years, and represents approximately 80% of industry total. †1979-80 pack to April 1 - 2,139,258 compared to 1,880,052 to April 1, 1979.

U.S. PACK OF APPLE SAUCE

Thousands of Actual Cases, Figures Rounded. Pack Beginning Sept 1 of Year Shown.

1929 904	1937 3,161	1943 2,226	1949 8,974	1955 14,078	1961 18,768
1931 1,010	1938 1,527	1944 4,302	1950 13,321	1956 16,115	1962 20,991
1933 1730	1939 3,057	1945 1,984	1951 9,456	1957 14,636	1963 21,475
1934 1,892	1940 2,635	1946 8,840	1952 9,397	1958 16,599	1964 25,095
1935 1,887	1941 4,182	1947 6,084	1953 11,732	1959 17,904	1965 25,836
1936 2,353	1942 4,590	1948 4,852	1954 16,017	1960 18,266	1966 20,166
					1967 24,452

PACK OF APPLE SAUCE BY STATE AND SIZE OF CONTAINER

	1969	1970	1971	1972	1973	1974	*1975	*1976	*1977	†*1978
New York	6,710	6,696	6,740	5,090	4,975	(a)	(a)	(a)	(a)	(a)
Md., Pa., Va. (a)..	11,288	8,811	10,858	7,879	11,032	18,728	8,688	8,306	10,701	12,145
Michigan	3,912	3,937	3,754	3,406	2,617	(b)	(b)	(b)	(b)	(b)
Wash., Ore., Ida .	1,458	805	840	1,070	1,919	(a)	(a)	(a)	(a)	(a)
Calif. (a)	3,191	2,405	2,900	2,121	2,912	3,895	3,643	3,446	3,343	3,356
Other States	1,708	1,637	1,307	1,201	1,858	5,771	3,788	3,604	4,104	4,062
Tot. U.S.	28,266	24,291	26,399	20,767	25,313	28,393	16,118	15,355	18,148	19,564
24/8 oz	1,466	1,290	1,281	1,002	1,273	1,726	222	235	323	280
24/303	11,194	9,402	10,607	6,201	7,840	7,891	6,033	5,338	4,636	5,217
24/15 oz	.....	.....	.....	1,593	1,645	1,866	755	766	881	1,011
12/25 oz (c).....	4,503	4,090	4,566	3,553	4,000	4,641	2,188	2,122	3,056	3,478
12/35 oz	3,549	3,273	2,942	2,688	2,901	3,710	1,476	1,557	2,109	2,076
6/50 oz	2,194	2,176	2,875	2,447	2,274	3,279	2,370	2,778	3,457	3,382
6/10	4,380	3,230	3,607	2,583	4,552	4,246	2,751	2,349	3,166	3,958
Misc (d)	980	832	522	699	827	1,035	324	210	519	162

(a) Beginning 1974 "Md., Pa., Va." includes N.Y. and W. Va. and "Calif." includes Wash., Ore., and Ida. (b) Included in other States. (c) Includes 25 oz. glass and 3 cyl. tin. (d) Includes 24/2½. *Not comparable to prior years, represents approximately 69% of industry total. †1979-80 Pack Aug. 1 to April 1 - 20,871,446 compared to 19,007,482 to Apr. 1, 1979.

APPLESAUCE PACK—SUPPLY—STOCK—SHIPMENTS

Thousands of Actual Cases—Figures Rounded—Season beginning year shown

	1970	1971	1972	1973	1974	*1975	*1976	*1977	*1978	*1979
Carryover 9/1† ...	7,095	5,090	5,861	2,443	4,118	7,103	6,123	4,253	4,351	2,660
PACKS										
Beg.Season-Nov 1	12,381	11,504	8,642	10,099	10,869	9,222	8,070	9,197	8,066	7,844
Nov 1-Jan 1	5,548	9,565	8,431	8,162	10,798	4,277	4,676	5,534	7,447	8,087
Jan 1-April 1	2,769	4,051	2,560	5,071	5,615	2,026	2,087	2,729	3,494	4,940
Apr 1-End Seas ..	593	1,279	1,135	1,981	1,111	593	522	688	557	P
TOT. PACK	24,291	26,399	20,767	25,313	28,393	16,118	15,355	18,148	19,564	P
Canner Supply ..	31,387	31,489	26,628	27,756	32,511	23,221	21,478	22,401	23,915	P
CANNER SHIPMENTS										
Beg.Seas.-Nov 1 .	5,411	4,456	4,422	3,892	4,109	4,885	4,927	4,350	4,249	4,161
Nov 1-Jan 1	3,929	4,816	3,862	5,249	3,769	1,800	1,900	3,280	5,060	3,698
Jan 1-Apr 1	7,334	6,909	6,893	6,131	7,596	5,122	5,232	4,592	5,147	6,092
Apr 1-End Seas ..	9,622	9,447	9,007	8,366	n.a.	5,291	5,166	5,828	5,799	P
Total Shipments .	26,297	25,628	24,185	23,638	n.a.	17,098	17,225	18,050	20,255	P
CANNER STOCKS										
Nov. 1	14,065	12,137	10,080	8,652	10,878	11,440	9,265	9,100	8,168	7,343
Jan. 1	18,685	16,887	14,648	11,563	17,906	13,917	12,041	11,354	10,555	11,732
Apr. 1	14,120	14,029	10,315	10,503	15,925	10,821	8,896	9,491	8,903	10,580
June 1	10,714	10,491	6,549	8,120	12,675	8,201	6,957	7,001	6,353	P
Aug. 1	6,943	7,398	3,815	5,036	7,103	6,123	4,253	4,351	3,660	P

*Sample size changed. Beginning 1975 Pack, Stock, and Shipments are not U.S. totals and are not comparable to earlier years. †Aug. 1 beginning 1975. n.a.—Not available.

APPLESAUCE PACK—SUPPLY—STOCKS—SHIPMENTS—Cont.

	1970	1971	1972	1973	1974	*1975	*1976	*1977	*1978	*1979
DISTRIBUTOR STOCKS										
November 1	1,634	1,664	1,596	1,616	1,906	1,741	1,721	1,640	1,694	1,743
January	1,567	1,596	1,578	1,815	1,860	1,650	1,712	1,736	1,599	1,574
April 1	1,751	1,718	1,650	2,139	1,917	1,656	1,672	1,817	1,801	P
June 1	1,621	1,623	1,525	1,843	1,814	1,754	1,513	1,709	1,721	P
TOTAL CANNER-DISTRIBUTOR STOCKS†—SEASON JUNE 1 to JUNE 1										
June 1	14,307	12,335	12,114	8,074	9,963	14,489	9,955	8,470	8,710	8,074
Pack	24,291	26,399	20,767	25,313	28,393	16,118	15,355	18,148	19,564	P
Total Supply	38,598	38,734	32,881	33,387	38,356	30,607	25,310	26,618	28,274	P
November	15,699	13,801	11,676	10,268	12,784	13,181	10,986	10,740	9,862	9,086
January 1	20,252	18,483	16,226	13,378	19,766	15,567	13,753	13,090	12,154	13,306
April 1	15,871	15,747	11,965	12,642	17,842	12,477	10,568	11,308	10,704	P
June 1	12,335	12,114	8,074	9,963	14,489	9,955	8,470	8,710	8,074	P
Season Disap	26,263	26,620	24,807	23,424	23,867	20,652	16,840	17,908	20,200	P
EXPORTS-Not Separately Classified										
GOVMT. PURCHASES[1]										
Armed Forces ...	345.5	333.1	192.2	275.5	207.3	54.8	98.4	102.5	142.1	152.8
USDA	1,992.8	2,385.8	686.9	0	1,153.5	2,453.9	0	1,460.8	2,475.5	2,167.0[2]
Vet Adm.	43.0	31.5	39.8	31.7	31.2	38.1	35.2	23.9	39.6	46.4[2]

*Sample size changed. Beginning 1975 Canner pack & stocks are not U.S. totals and are not comparable to earlier years. †Distributor Stocks not available for September 1. P—Not available at press time. [1]Basis 24/303. n.a.—Not available. [2]Estimated.

U.S. PACKS OF APPLE JUICE

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Actual Cases, Figures Rounded, Pack Beginning Sept. 1 Year Shown

1939 393	1944 2,851	1949 2,770	1954 4,220	1959 6,769	1964 9,784
1940 506	1945 1,316	1950 .....3.470	1955 3,508	1960 6,289	1965 9,670
1941 1,726	1946 3,524	1951 3,174	1956 4,266	1961 6,974	1966 8,953
1942 1,645	1947 1,181	1952 3,199	1957 4,653	1962 7,483	1967 9,029
1943 1,740	1948 1,181	1953 3,081	1958 5,346	1963 8,558	1968 9,641

PACK OF APPLE JUICE BY AREA AND SIZE OF CONTAINER

	1969	1970	1971	1972	1973	1974	1975	1976	1977	†1978
East	6,881	7,946	8,618	8,204	10,100	10,933	8,473	8,738	11,044	13,941
Midwest	2,100	2,692	2,581	2,730	1,527	1,819	2,564	2,386	2,257	4,905
West	4,522	3,834	2,949	3,344	3,996	3,647	4,889	5,429	6,528	7,515
Total U.S.	13,503	14,472	14,148	14,277	15,623	16,399	15,926	16,553	19,828	26,361
48/3½ to 6 oz	1,026	1,274	1,203	1,401	1,777	1,819	1,491	1,915	2,235	3,285
24/12 oz	.....	.....	.....	83	76	41	56	450	676	867
12/3 Cyl	4,456	4,036	4,110	3,602	3,629	3,193	3,037	2,491	2,662	3,624
12/24 & 26 oz. gl .	60	25	.....	.....	.....	.....	.....	.....	.....	.....
12/32 oz. glass ...	4,529	5,005	5,238	4,829	6,264	6,231	4,266	3,787	4,863	5,425
12/40 oz	.....	.....	658	1,015	828	929	989	810	854	1,138
6/64 oz glass	1,277	1,331	1,736	1,629	2,272	2,714	3,545	4,520	5,841	8,502
4/1 gallon jug	1,107	1,427	1,015	898	600	960	1,609	1,730	1,629	2,003
Misc. tin & gl	1,047	1,375	189	820	176	511	933	850	1,068	1,516
Tot Basis 24/2 ...	13,390	14,118	13,696	13,832	14,793	15,433	15,264	15,412	18,218	24,146
Tot Basis 24/2½ .	9,239	9,741	9,680	9,847	10,265	10,811	10,826	10,920	12,906	17,137

†1979-80 Pack Aug 1 to Apr. 1 - 22,596,508 actual cases compared to 22,077,010 to Apr. 1, 1979.

U.S. PACKS OF APRICOTS

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.
California Pack Compiled by Canners League of California

Thousands of Actual Cases, Figures Rounded

1923	*1,562	1931	2,116	1939	3,756	1947	3,342	1955	7,831	1963	5,369
1924	*2,050	1932	1,895	1940	2,343	1948	5,316	1956	5,558	1964	6,935
1925	*2,197	1933	2,666	1941	4,538	1949	2,881	1957	5,603	1965	6,769
1926	3,394	1934	2,165	1942	3,449	1950	4,473	1958	2,554	1966	*6,958
1927	*3,117	1935	3,476	1943	1,256	1951	5,696	1959	6,818	1967	*5,884
1928	*2,097	1936	3,135	1944	8,030	1952	5,101	1960	8,006	1968	*6,594
1929	4,267	1937	5,967	1945	4,238	1953	6,443	1961	6,213	1969	*7,851
1930	*2,069	1938	1,795	1946	10,802	1954	3,731	1962	5,242	1970	*4,979

*California only.

CALIFORNIA PACK OF APRICOTS BY SIZE OF CONTAINER

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
24/2½	1,503	873	926	1,383	472	1,384	576	342	404	568
24/8 oz.	650	844	674	821	312	853	565	726	450	646
24/303 & 300	1,456	1,412	1,538	1,949	1,207	2,233	1,087	1,498	1,125	1,637
6/10	1,311	1,440	1,125	1,481	782	1,628	1,069	926	1,005	1,267
Misc.	60	36	10	.....	19	46	81	13	34	53
Total a/c	4,979	4,604	4,273	5,634	2,793	6,145	3,377	3,505	3,019	4,170
Tot. Bas.2½'s	3,766	3,263	3,041	4,094	1,978	4,421	2,387	2,269	2,127	2,887

APRICOTS—CARRYOVER—PACK—STOCKS—SHIPMENTS

(Thousands of Actual Cases—Figures Rounded, Season beginning year shown)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Carryover 6/1	3,379	2,275	857	487	667	334	2,094	1,141	711	419
Pack	4,979	4,605	4,273	5,634	2,793	6,145	3,377	3,505	3,019	[7]4,170
Canner Supply	8,358	6,880	5,130	6,121	3,460	6,478	5,472	4,646	3,730	[7]4,590
CANNER SHIPMENTS										
[1]6/1 to 1/1	3,873	4,114	2,988	3,576	2,362	2,675	2,647	2,509	2,008	2,004
[2]1/1 to 4/1	1,450	1,323	1,109	1,371	478	1,076	1,137	894	723	714
[3]4/1 to 6/1	760	586	546	507	287	633	545	532	580	P
Total Shipments	6,083	6,023	4,643	5,454	3,126	4,384	4,330	3,936	3,289	P
CANNER STOCKS										
[4]January 1	4,485	2,766	2,142	2,545	1,098	3,803	2,824	2,137	1,722	2,585
[5]April 1	3,035	1,443	1,033	1,174	620	2,728	1,687	1,243	999	1,872
June 1	2,275	857	487	667	334	2,094	1,141	711	419	P
DISTRIBUTOR STOCKS										
January 1	536	497	487	643	540	487	432	375	441	380
April 1	466	465	444	618	400	486	455	362	353	P
June 1	454	422	402	576	301	457	397	315	319	P
TOTAL CANNER—DISTRIBUTOR STOCKS										
June 1	3,843	2,729	1,279	889	1,243	635	2,551	1,538	1,026	738
Pack	4,979	4,605	4,273	5,634	2,793	6,145	3,377	3,505	3,019	[7]4,170
Total Supply	8,822	7,334	5,552	6,523	4,036	6,780	5,928	5,043	4,045	4,908
January 1	5,021	3,263	2,629	3,188	1,638	4,290	3,256	2,512	n.a.	n.a.
April 1	3,501	1,908	1,477	1,792	1,020	3,214	2,142	1,605	1,352	P
June 1	2,729	1,279	889	1,243	635	2,551	1,538	1,026	738	P
Seas. Disap	6,093	6,055	4,663	5,280	3,401	4,229	4,390	4,017	3,307	P
EXPORTS*	61	67	161	330	54	29	60	52	109	67
GOV. PURCHASES*										
Armed Forces	205.6	128.6	170.6	53.7	11.0	65.9	32.5	41.4	43.8	57.8
U.S.D.A.	470.1	589.5	0	0	0	93.1	226.7	115.4	.....	.....
Vet. Adm.	25.2	18.2	17.9	61.0	20.4	32.2	16.4	26.2	22.7	[6]21.9

*Basis 1,000 cases 24/2½, calendar year for exports. [1]June 1 to Dec. 1 beginning in 1978. [2]Dec. 1 to March 1 beginning in 1978. [3]March 1 to June 1 beginning in 1978. [4]Dec. 1 beginning in 1978. [5]March 1 beginning in 1978. [6]Estimate. [7]To March 1, 1980. n.a.-Not available. P-Not available at press time.

U.S. PACKS OF BLACKBERRIES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Actual Cases, Figures Rounded

1923 ...(a) 500	1931 748	1939 394	1947 359	1955 423	1963 352
1924 1,007	1932 ...(a) 306	1940 440	1948 528	1956 453	1964 313
1925 660	1933 417	1941 811	1949 700	1957 501	1965 404
1926 907	1934 746	1942 592	1950 357	1958 599	1966 381
1927 ...(b) 713	1935 487	1943 310	1951 458	1959 537	1967 411
1928 ...(b) 756	1936 597	1944 397	1952 586	1960 296	1968 310
1929 844	1937 493	1945 211	1953 509	1961 292	1969 299
1930 ...(a) 568	1938 534	1946 409	1954 418	1962 386	1970 239

(a) West Only. (b) Not complete.

PACK OF BLACKBERRIES BY STATE AND SIZE OF CONTAINER

	1970	1971	1972	1973	1974	1975	1976	†1977	1978	1979
Northwest	162	172	113	n.a.	173	55	37	44	n.a.	n.a.
Other States	77	84	66	43	115	33	54	19	n.a.	n.a.
Total U.S.	239	256	180	43	289	88	91	63	89	n.a.
24/8Z	10	10	.....	.....	8	.....	.....	.....	.....	n.a.
24/300 & 303	165	171	111	34	227	45	43	16	80	n.a.
6/10	62	75	58	9	47	39	43	2	8	n.a.
Misc.	1	.....	11	.....	7	5	5	44	1	n.a.

†Entire Northwest pack included in Misc. Container Size. n.a.-Not available.

U.S. PACKS OF BLUEBERRIES†

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Actual Cases, Figures Rounded

1924 94	1932 146	1940 322	1948 621	1956 467	1964 431
1925 175	1933 236	1941 587	1949 917	1957 730	1965 258
1926 225	1934 196	1942 349	1950 760	1958 561	1966 570
1927 278	1935 191	1943 438	1951 1,155	1959 566	1967 639
1928 194	1936 252	1944 114	1952 739	1960 505	1968 297
1929 213	1937 442	1945 210	1953 758	1961 553	1969 383
1930 436	1938 249	1946 425	1954 897	1962 571	1970 201
1931 297	1939 251	1947 403	1955 684	1963 440	1971 330

BLUEBERRY PACKS BY STATE AND SIZE OF CONTAINER

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Maine	129	202	193	254	182	97	103	81	114	n.a.
Other States	72	128	96	188	210	192	165	37	161	n.a.
Total U.S.	201	330	289	441	392	290	267	118	275	n.a.
24/300 & 303	136	232	212	318	318	151	222	91	207	n.a.
6/10	65	98	77	123	60	32	45	28	68	n.a.
Misc. Tin & gl. ...	.....	.....	.....	.....	14	106	.....	.....	.....	n.a.

†Includes Huckleberries. n.a.-Not available.

U.S. PACKS OF CRANBERRY SAUCE

Calendar Year. Thousands of Actual Cases, Figures Rounded

1934 694	1940 1,993	1946 6,312	1952 4,695	1958 6,773	1964 6,609
1935 918	1941 2,593	1947 4,007	1953 5,954	1959 7,629	1965 7,019
1936 1,109	1942 2,534	1948 2,397	1954 6,046	1960 4,774	1966 7,560
1937 1,690	1943 1,672	1949 3,400	1955 6,496	1961 7,223	1967 7,539
1938 1,302	1944 1,546	1950 4,684	1956 6,665	1962 6,988	1968 7,877
1939 1,928	1945 2,786	1951 5,120	1957 6,475	1963 7,193	1969 7,388

CRANBERRY SAUCE PACKS BY SIZE OF CONTAINER

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
24/6½ - 8 oz	1,328	1,334	1,325	1,010	662	533	776	863	875	700
24/15 - 16 oz	6,266	5,416	5,625	6,243	6,772	5,571	5,407	5,185	6,125	5,973
6/10	464	468	406	885	781	527	608	635	409	474
Misc. tin & gl. ...	.....	.....	.....	518	27	.....	.....	.....	.....	.....
U.S. Total	8,058	7,218	7,356	8,657	8,242	6,631	6,792	6,684	7,408	7,146

U.S. PACKS OF RED PITTED CHERRIES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

All figures refer to thousands of Actual Cases, all size containers.

1929 1,124	1938 1,695	1945 1,326	1952 3,892	1959 4,128	1966 1,258
1931 1,498	1939 3,155	1946 3,086	1953 3,849	1960 2,219	1967 1,077
1933 1,725	1940 3,423	1947 2,397	1954 3,086	1961 3,139	1968 1,600
1934 1,855	1941 2,064	1948 3,552	1955 4,902	1962 4,224	1969 2,112
1935 2,563	1942 3,062	1949 3,445	1956 2,749	1963 1,314	1970 1,392
1936 1,450	1943 562	1950 5,023	1957 3,604	1964 4,812	1971 1,477
1937 2,472	1944 3,072	1951 4,672	1958 2,746	1965 3,166	1972 1,631

PACK OF RP CHERRIES BY STATE AND SIZE OF CONTAINER

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
East	92	115	72	61	114	108	62	32	n.a.	n.a.
Midwest	1,172	1,222	1,533	591	1,399	1,425	410	673	672	629
West	128	140	26	113	79	106	78	67	n.a.	n.a.
Total U.S.	1,392	1,477	1,631	765	1,592	1,639	550	772	735	718
24/303 & 300	872	902	600	358	795	680	193	322	274	385
6/10	520	568	930	406	788	915	357	357	440	333
Misc.	.....	7	102	2	10	44	.....	94	21	.....

U.S. PACK OF SWEET CHERRIES

All figures refer to thousands of Actual Cases, all size containers

1923 ...(a) 990	1931 406	1939 1,073	1947 680	1955 2,318	1963 876
1924 ...(a) 596	1932 ....(a) 522	1940 630	1948 1,067	1956 1,216	1964 1,678
1925 ...(a) 609	1933 ....(a)860	1941 934	1949 2,311	1957 1,684	1965 1,241
1926 1,236	1934 526	1942 1,022	1950 1,146	1958 1,659	1966 1,025
1927 568	1935 535	1943 912	1951 1,421	1959 1,104	1967 1,314
1928 914	1936 570	1944 932	1952 2,100	1960 1,094	1968 898
1929 1,017	1937 519	1945 1,415	1953 1,755	1961 1,847	1969 1,622
1930 ..(a) 1,202	1938 730	1946 2,082	1954 1,683	1962 1,839	1970 1,065

(a) West only.

Keep Pace with Changing Times

Read

Food Production / Management

(Formerly CANNING TRADE)

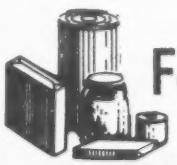
The magazine for Canned, Glassed and Frozen Food Processors

All the front page industry news needed to keep well informed plus Market and Price Information—condensed for quick, easy reading. Also featuring Technical, Production and Management Articles.

Published Monthly

Annual Subscription $15.00—Subscribe Today

Phone: (301) 467-3338



Food Production / Management

KEEPING THE INDUSTRY INFORMED SINCE 1878

2619 Maryland Ave. • Baltimore, Md. 21218 USA

Also Publishers of "A Complete Course inCanning" 11th Edition—$60.00

PACK OF SWEET CHERRIES BY STATE AND SIZE OF CONTAINER

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Michigan	238	245	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Northwest	779	604	435	683	797	463	587	620	578	751
California	42	(b)	(b)	(b)	(b)	(a)	(a)	(a)	(a)	(a)
Other States	5	12	186	112	186	185	130	154	188	222
Total U.S.	1,065	861	621	796	983	648	717	774	766	973
Total Bas. 2½'s	663	536	393	503	623	412	464	501	485	651
24/2½	34	10	14	19	37	16	17	28	14	21
24/8 oz.	104	74	24	40	65	47	51	46	74	30
24/303*	726	603	472	587	695	443	473	528	498	649
6/10	200	163	102	146	186	140	172	172	177	270
Misc.	1	10	10	4	....	1	4	.....	3	2

*Includes 24/300's and 24/1 Tall. (a) Included in other states. (b) Insufficient to report.

CALIFORNIA PACK OF FRUIT COCKTAIL

Thousands of Actual Cases, Figures Rounded

1934 1,168	1940 4,189	1946 7,832	1952 10,971	1958 16,762	1964 24,750
1935 1,650	1941 4,989	1947 9,082	1953 12,137	1959 18,730	1965 22,410
1936 2,157	1942 5,484	1948 11,219	1954 13,461	1960 19,936	1966 24,839
1937 3,152	1943 5,653	1949 6,995	1955 14,886	1961 20,949	1967 21,335
1938 1,942	1944 6,302	1950 8,570	1956 17,485	1962 20,821	1968 26,170
1939 3,563	1945 6,112	1951 10,743	1957 16,690	1963 19,147	1969 26,039

FRUIT COCKTAIL PACKS BY SIZE OF CONTAINER

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
24/2½	4,409	3,778	3,400	4,031	4,492	3,986	3,574	3,959	3,346	4,015
24/8 oz.	2,324	2,842	2,383	2,474	2,602	2,113	2,248	2,640	2,262	2,327
24/300 & 303	10,482	11,507	9,022	10,649	11,898	10,973	10,903	10,365	8,962	10,258
6/10	2,265	2,436	2,932	2,876	3,219	3,165	3,510	2,637	2,858	3,622
Total	19,481	20,562	17,738	20,030	22,211	20,236	20,234	19,601	17,428	20,222
Tot. Basis 2½'s	13,081	13,334	11,855	13,384	14,907	13,677	13,605	12,979	11,704	13,815

FLORIDA PACK OF GRAPEFRUIT SEGMENTS

Compiled by Florida Canners Association

Thousands of Actual Cases, Figures Rounded—Pack beginning year shown.

1925 88	1936 4,279	1943 985	1950 4,751	1957 4,650	1964 4,290
1927 455	1937 3,655	1944 485	1951 3,819	1958 5,072	1965 4,603
1929 1,175	1938 4,229	1945 2,272	1952 4,407	1959 4,375	1966 5,448
1931 1,599	1939 4,073	1946 5,586	1953 5,070	1960 4,766	1967 4,011
1933 2,398	1940 3,153	1947 3,426	1954 6,081	1961 4,621	1968 3,983
1934 3,748	1941 4,410	1948 4,464	1955 5,483	1962 3,110	1969 3,906
1935 2,411	1942 897	1949 3,414	1956 5,001	1963 3,589	1970 3,841

*1925-1961 are U.S. Total figures.

PACK OF GRAPEFRUIT BY STATE AND SIZE OF CONTAINER

	1969	1970	1971	1972	1973	1974	1975	1976	1977	†1978
24/8 oz.	360	424	286	256	284	174	82	157	163	158
24/303	2,950	2,707	2,526	2,238	2,623	1,888	1,323	1,387	1,422	1,442
12/3 Cyl	588	710	302	454	442	374	305	326	324	368
Misc.	9	.....	.....	3	.....	.....	.....	2	3	.....
Total	3,906	3,841	3,113	2,952	3,349	2,436	1,710	1,873	1,912	1,969

†1979-80 Pack to 5/24/80, Florida only, basis 24/2's 1,966,233 cases, compared with 1,816,897 cases 5/12/79 reported by the Florida Canners Association.

U.S. PACKS BLENDED GRAPEFRUIT & ORANGE JUICE

Thousands of Actual Cases, Figures Rounded — Pack beginning year shown.

1935	81	1941	2,043	1947	10,568	1953	5,577	1959	3,766	1965	2,384
1936	266	1942	3,108	1948	9,457	1954	4,353	1960	2,644	1966	3,053
1937	526	1943	5,563	1949	6,492	1955	4,580	1961	3,288	1967	1,809
1938	676	1944	7,016	1950	8,269	1956	4,492	1962	2,635	1968	2,141
1939	1,301	1945	11,800	1951	5,615	1957	4,140	1963	2,135	1969	1,984
1940	2,285	1946	9,076	1952	5,263	1958	3,624	1964	2,084	1970	2,046

PACK BY STATE AND SIZE OF CONTAINER

	1969	1970	1971	1972	1973	1974	1975	1976	1977	*1978
Florida	1,799	1,791	1,482	1,520	1,410	1,179	1,339	1,032	1,323	997
Texas	(a)	93	92	96	116	94	904	71	69	63
Calif. & Ariz.	186	161	53	94	47	90	119	159	165	77
Total U.S.	1,984	2,046	1,626	1,710	1,573	1,363	2,363	1,262	1,557	1,138
48/5-6 oz.	19	20	17	13	20	18	367	33	60	32
24/2	134	143	79	53	40	15	45	18	15	.....
12/3 Cyl.	1,705	1,778	1,402	1,554	1,509	1,330	1,937	1,210	1,481	1,096
Misc.	127	105	127	91	4	.....	13	1	1	10

*1979-80 Pack to 5/24/80. Florida only, basis 24/2's, 1,313,596 cases, compared with 1,162,075 cases to 5/12/79 reported by the Florida Canners Association. (a) Included in Calif. & Ariz.

U.S. PACKS OF GRAPEFRUIT JUICE

Thousands of Actual Cases, Figures Rounded — Pack beginning year shown.

1929	116	1938	9,199	1945	22,483	1952	10,515	1959	9,862	1966	18,377
1931	287	1939	9,657	1946	15,173	1953	14,638	1960	9,566	1967	14,063
1933	740	1940	14,071	1947	14,869	1954	11,041	1961	9,811	1968	17,207
1934	2,556	1941	11,051	1948	12,803	1955	12,814	1962	8,380	1969	20,080
1935	2,236	1942	20,061	1949	10,795	1956	13,535	1963	5,662	1970	23,854
1936	6,016	1943	22,637	1950	16,298	1957	9,335	1964	9,741	1971	24,891
1937	8,022	1944	19,261	1951	8,469	1958	9,938	1965	12,215	1972	25,987

PACK OF GRAPEFRUIT JUICE BY STATE AND SIZE OF CONTAINER

	1969	1970	1971	1972	1973	1974	1975	1976	1977	*1978
Florida	14,711	17,393	19,282	17,368	18,773	15,071	17,430	17,444	16,394	15,963
Texas	(a)	4,174	3,550	5,998	5,370	2,570	3,744	5,464	4,591	3,364
Calif. & Ariz.	5,369	2,287	2,058	2,621	2,437	2,517	3,370	3,012	4,519	5,124
Total U.S.	20,080	23,854	24,891	25,987	26,579	20,158	24,544	25,921	25,505	24,451
48/5-6 oz.	4,468	5,864	6,353	7,248	7,359	5,952	7,332	2,511	8,998	8,854
24/211 Cyl.	146	205	623	183	244	388	351	305	704	619
24/2	1,543	1,518	1,339	1,200	931	637	772	637	354	73
12/3 Cyl.	13,841	16,099	16,450	17,333	17,964	13,023	15,786	16,428	14,880	14,108
Misc.	81	169	125	22	81	157	303	6,038	568	797

*1979-80 Pack to 5/24/80, Florida only, basis 24/2's, 15,863,094 cases, compared with 15,694,854 cases 5/12/79 reported by the Florida Canners Association. (a) Included in Calif. & Ariz.

U.S. PACKS OF ORANGE JUICE

Thousands of Actual Cases, Figures Rounded — Pack beginning year shown.

1939	3,578	1944	14,229	1949	17,667	1954	18,771	1959	18,022	1964	13,496
1940	4,012	1945	19,397	1950	20,871	1955	17,953	1960	13,169	1965	14,145
1941	4,406	1946	17,135	1951	19,126	1956	20,059	1961	16,146	1966	17,629
1942	2,703	1947	23,993	1952	17,822	1957	18,562	1962	13,367	1967	12,551
1943	7,372	1948	18,039	1953	17,491	1958	15,868	1963	10,639	1968	15,691

PACK OF ORANGE JUICE BY STATE AND SIZE OF CONTAINER

	1969	1970	1971	1972	1973	1974	1975	1976	1977	*1978
Florida[1]	14,266	13,368	12,888	14,173	11,833	10,359	10,320	10,385	11,720	13,484
Texas[1]	(a)	1,776	1,356	1,849	1,668	1,440	1,216	2,533	2,593	2,408
Calif. & Ariz.[2]	2,816	1,822	1,683	1,483	1,115	1,212	1,726	1,269	1,852	3,012
Total U.S.	17,082	16,966	15,927	17,506	14,615	13,011	13,262	14,187	16,166	18,905
24/4 oz.	5,080	3,356	3,291	2,133	1,843	.....	.....	.....	.....	.....
48/5-6 oz.	2,749	3,468	4,245	4,591	4,651	4,817	5,153	5,243	7,197	8,849
24/211 Cyl.	123	220	161	117	53	210	81	316	338	377
24/2	959	950	780	696	566	545	640	471	363	64
12/3 Cyl.	8,074	8,848	7,428	9,937	7,411	7,103	7,025	7,697	7,850	8,635
Misc. tin & gl.	97	125	22	34	90	336	363	462	419	980

*1979-80 Pack to 5/24/80, Florida only basis 24/2's, 12,208,308 cases, compared with 10,886,541 cases 5/12/79 reported by the Florida Canners Association. [1]Oct-Sept. [2]Jan.-Dec. (a) Included in Calif. & Ariz.

U.S. PACKS OF PEACHES†

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Actual Cases, Figures Rounded

1923 7,466	1931 8,752	1939 12,116	1947 19,496	1955 27,357	1963 38,113
1924 6,331	1932 6,633	1940 11,464	1948 18,644	1956 34,092	1964 43,951
1925 10,755	1933 10,576	1941 14,778	1949 21,443	1957 29,776	1965 34,457
1926 14,482	1934 8,936	1942 16,726	1950 18,576	1958 29,808	1966 42,950
1927 11,836	1935 11,747	1943 11,450	1951 25,826	1959 35,225	1967 32,041
1928 14,975	1936 11,183	1944 14,036	1952 22,727	1960 36,016	1968 45,822
1929 8,724	1937 13,880	1945 14,675	1953 25,557	1961 36,537	1969 45,700
1930 13,803	1938 10,400	1946 20,755	1954 22,118	1962 38,846	1970 34,290

†Spiced Peaches listed separately with Miscellaneous Fruits.

PACK OF PEACHES BY STATE AND SIZE OF CONTAINER

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
California										
Cling	28,834	26,792	25,884	26,310	35,361	30,964	27,933	33,791	24,883	30,391
Free	3,198	3,148	2,448	2,968	3,830	2,591	1,883	1,901	1,571	1,990
Other States	2,258	1,574	988	665	503	1,424	649	229	333	304
Tot. U.S. a/c	34,290	31,514	29,321	29,943	39,695	34,980	30,465	35,921	26,786	32,685
Tot.Basis 2½	29,602	25,762	24,016	24,513	32,431	28,984	24,810	29,217	21,413	25,840
24/8Z	2,388	3,174	2,630	2,556	2,986	2,533	2,415	2,567	2,059	2,551
24/303*	6,929	7,228	6,826	7,206	10,243	8,254	7,904	9,478	7,169	9,778
24/2½	19,740	16,641	14,185	14,268	17,915	16,784	14,109	15,859	11,386	12,188
6/10	5,159	4,440	5,679	5,913	8,535	7,406	6,037	7,608	6,028	7,950
Misc.tin & gl	73	30	.....	.....	15	3	.....	409	143	219

*Includes 300 and No. 1 Tall.

CANNED PEACHES—CARRYOVER—PACK—STOCKS—SHIPMENTS

Thousands of Actual Cases — Figures Rounded.Season beginning year shown

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Carryover 6/1	13,544	9,563	6,174	2,397	2,167	7,076	9,499	7,474	8,496	4,773
Pack	34,290	31,514	29,321	29,943	39,695	34,980	30,465	35,921	26,786	32,685
Canner Supply ..	47,834	41,077	35,495	32,340	41,862	42,056	39,964	43,395	35,283	37,452
CANNER SHIPMENTS										
[1]6/1 to 1/1	25,669	19,596	21,524	20,966	23,319	19,017	19,215	20,873	18,847	17,051
[2]1/1 to 4/1	6,384	9,872	8,189	6,878	6,899	8,288	9,036	8,638	6,923	6,500
[3]April & May	6,218	5,435	3,385	2,330	4,567	5,251	4,239	5,388	5,220	P
Total Ship	38,271	34,903	33,098	30,174	34,785	32,556	32,490	34,899	30,510	P
CANNER STOCKS										
[4]January 1	22,165	21,481	13,971	11,374	18,542	23,039	20,749	22,522	16,436	20,407
[5]April 1	15,781	11,609	5,782	4,496	11,644	14,751	11,713	13,885	9,993	13,907
June 1	9,563	6,174	2,397	2,167	7,076	9,499	7,474	8,496	4,773	P
DISTRIBUTOR STOCKS*										
January 1	3,159	2,855	3,455	3,371	4,978	3,654	3,187	3,052	3,574	n.a.
April 1	2,845	3,008	3,082	2,857	3,898	3,262	3,178	2,898	3,036	P
June 1	2,772	2,840	2,605	1,953	3,220	3,171	2,740	2,952	2,621	P
TOTAL CANNER—DISTRIBUTOR STOCKS*										
June 1	16,609	12,335	9,014	5,002	4,120	10,296	12,670	10,214	11,448	7,394
Pack	34,290	31,514	29,321	29,943	39,695	34,980	30,465	35,921	26,786	32,685
Total Supply	50,899	43,849	38,335	34,945	43,815	45,276	43,135	46,135	38,234	40,079
January 1	25,324	24,336	17,426	14,745	23,520	26,693	23,936	25,574	n.a.	n.a.
April 1	18,626	14,617	8,864	7,353	15,542	18,013	14,891	16,783	n.a.	n.a.
June 1	12,335	9,014	5,002	4,120	10,296	12,670	10,214	11,394	7,394	P
Tot Disap	38,564	34,835	33,333	30,825	33,519	32,606	32,921	34,741	30,840	P
EXPORTS**	3,679	3,062	2,981	1,750	2,186	2,007	2,311	2,655	4,180	2,622
GOVMT. PURCHASES**										
ARMED Forces .	444.2	499.3	168.3	97.4	361.8	283.4	77.8	179.4	96.2	251.5
USDA	1,009.5	1,054.3	847.6	36.4	833.2	840.0	1,576.8	2,155.3	683.8	[6]835.4
Vet Admin	61.9	43.0	38.5	25.8	51.1	30.0	36.9	35.8	47.4	[6]49.7

*With the 1973 Almanac, all actual case canner figures, in all tables, for all years, have been revised to reflect 24/8 oz. containers per case. Detailed distributor figures are not available for conversion and are therefore included, through 1972 on the old basis of 48/8 oz. **Basis 1,000 cases 24/2½. Calendar year for Exports. [1]June 1 to Dec. 1 beginning in 1978. [2]Dec. 1 to Mar. 1 beginning in 1978. [3]March 1 to June 1 beginning in 1978. [4]Dec. 1 beginning in 1978. [5]March 1 beginning in 1978. [6]Estimated. n.a.-Not available. P-Not available at press time.

U.S. PACKS OF PEARS

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Actual Cases, Figures Rounded

1923 ....*1,837	1931 3,932	1939 5,102	1947 5,986	1955 11,516	1963 7,572
1924 ....*2,205	1932 3,672	1940 6,028	1948 4,744	1956 12,086	1964 15,287
1925 4,108	1933 4,997	1941 7,166	1949 6,924	1957 11,725	1965 8,509
1926 ....*3,418	1934 6,163	1942 6,423	1950 8,139	1958 10,566	1966 15,264
1927 3,061	1935 4,944	1943 4,648	1951 9,003	1959 12,679	1967 8,142
1928 ....*4,315	1936 6,365	1944 4,802	1952 8,187	1960 11,483	1968 14,320
1929 4,981	1937 5,411	1945 4,625	1953 7,923	1961 12,098	1969 ... 14,736
1930 4,594	1938 5,198	1946 5,547	1954 10,717	1962 12,684	1970 11,680

*West only.

PACK OF PEARS BY STATE AND SIZE OF CONTAINER

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Northwest.....	6,959	8,361	6,994	8,197	9,268	7,861	9,346	8,973	8,208	9,956
California	4,488	5,792	5,306	5,444	5,670	5,291	6,194	4,539	4,088	4,380
Other States	234	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total U.S.	11,680	14,154	12,299	13,641	14,937	13,152	15,541	13,511	12,297	14,336
Tot. Bas. 2½	8,610	10,309	9,063	9,841	10,692	9,776	11,518	9,614	9,026	10,568
24/8Z	1,548	1,740	1,399	1,666	1,826	1,251	1,500	1,778	1,143	1,462
24/303*	4,181	5,490	4,777	5,542	6,372	5,058	6,022	5,498	5,087	5,482
24/2½	3,860	3,969	3,903	3,710	3,847	3,176	3,557	2,940	2,837	2,892
6/10	2,011	2,955	2,221	2,723	2,992	3,668	4,462	3,295	3,230	4,501
Misc.....	80	.....	.....	.....	.....	.....	.....	.....	.....	.....

*Includes 300 and No. 1 Tall.

MICHIGAN FRUIT CANNERS

DIVISION OF CURTICE-BURNS, INC.

Packers of Quality

FRUITS • VEGETABLES • PIE FILLINGS

PUDDINGS • SNACK FOODS

General Office

Benton Harbor, Michigan

Factories:

Benton Harbor & Fennville, Michigan

U.S PACKS OF PURPLE PLUMS

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Actual Cases, Figures Rounded

1934	1,035	1941	1,948	1948	937	1955	1,930	1962	2,402	1969	2,651
1935	1,695	1942	1,085	1949	1,806	1956	2,540	1963	1,380	1970	977
1936	1,818	1943	1,760	1950	1,018	1957	1,200	1964	1,794	1971	1,442
1937	1,617	1944	1,117	1951	2,603	1958	1,531	1965	1,996	1972	461
1938	704	1945	1,647	1952	1,735	1959	1,974	1966	1,730	1973	1,564
1939	2,213	1946	3,576	1953	1,467	1960	456	1967	2,163	1974	1,488
1940	1,161	1947	1,851	1954	1,835	1961	1,959	1968	871	1975	1,697

PURPLE PLUM PACKS BY STATE & SIZE OF CONTAINER

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Northwest	701	770	45	698	1,055	874	743	607	309	444
Michigan	234	625	(a)	840	420	766	(a)	(a)	(a)	(a)
Other States	42	47	416	26	14	56	499	425	819	452
Total U.S.	977	1,442	461	1,564	1,488	1,697	1,243	1,032	1,128	896
Tot Basis 24/2½'s	788	1,199	394	1,261	1,166	1,447	1,042	817	923	711
24/8Z	98	86	.....	91	99	38	44	55	26	34
24/303*	213	321	120	463	518	392	272	359	346	311
24/2½	409	491	126	516	501	582	272	350	287	213
6/10	225	543	191	494	371	686	654	268	469	338
Misc.	31	.....	24	.....	.....	.....	.....	.....	.....	.....

*Includes 300 and No. 1 Tall (a) Included in Other States.

HAWAIIAN*PACKS OF CANNED PINEAPPLE

Thousands of Actual Cases, Figures Rounded—Pack Beginning Year Shown

1923	5,896	1931	12,808	1939	11,370	1947	11,400	1955	20,759	1963	21,459
1924	6,826	1932	5,064	1940	9,309	1948	13,697	1956	20,664	1964	19,761
1925	8,729	1933	8,582	1941	10,458	1949	13,488	1957	19,368	1965	21,640
1926	8,940	1934	8,939	1942	11,176	1950	14,377	1958	20,312	1966	23,978
1927	8,879	1935	10,637	1943	11,127	1951	16,300	1959	20,303	1967	23,584
1928	8,663	1936	10,796	1944	10,164	1952	19,803	1960	21,764	1968	24,571
1929	9,210	1937	11,353	1945	9,051	1953	18,196	1961	21,750	1969	24,830
1930	12,672	1938	9,708	1946	10,237	1954	19,018	1962	21,871	1970	26,325

*Source: Pineapple Growers Assn. of Hawaii and the Nat'l Food Processors Assn. Beginning 1949, Report covers both Hawaiian and foreign operations of P.G.A.H. members. June 1 through May 31 through 1978-79 calendar year thereafter.

PACKS OF PINEAPPLE BY SIZE OF CONTAINER AND STYLE

	1970	1971	1972	1973	1974	1975	1976	1977	1978	*1979
24/8 oz.	772	.....	.....	.....	(a)	.....	.....	.....	.....	.....
48/1 Flat	2,327	2,418	1,803	1,776	2,328	2,809	3,005	3,559	3,220	3,329
24/211 Cyl	2,614	2,278	1,875	1,842	552	538	713	628	639	399
24/1¼	825	594	314	233	(a)	77	.....	.....	.....	.....
24/1½	(b)2,968	(b)3,188	(b)2,633	(b)3,087	(b)3,023	3,535	3,545	3,877	3,786	4,141
24/2	9,130	9,451	9,143	9,326	9,341	10,543	13,211	13,578	12,781	12,291
24/2½	1,783	1,272	1,430	1,214	989	550	740	672	707	761
6/10	4,492	4,459	4,512	3,416	3,351	3,113	3,382	3,651	4,571	5,173
Misc.	(b)1,414	(b)1,903	(b)1,924	(b)1,129	770	798	787	1,050	743	606
Tot. Actual Cases	26,325	25,563	23,634	22,024	20,355	21,962	25,382	27,056	26,447	26,700
Total Bs 24/2's	25,829	25,672	23,983	21,722	20,174	21,535	25,041	26,715	26,605	26,877
Total Bs 24/2½'s	17,813	17,705	16,540	14,981	13,913	14,852	17,270	18,424	18,349	18,545
AREA AND STYLE - actual cases										
Hawaii only	17,718	17,961	15,891	14,042	11,584	12,125	12,160	12,482	11,142	n.a.
Foreign Oper. PGAH memb.	8,607	7,602	7,743	7,982	8,771	9,837	13,222	14,574	15,305	n.a.
Slices	10,354	10,695	9,919	9,089	8,608	8,756	9,959	10,169	10,213	9,499
Tidbits	3,293	3,007	2,858	2,721	1,938	2,003	1,979	2,255	2,360	2,837
Chunks, spears pieces	4,839	4,884	4,897	4,376	4,348	4,917	6,001	6,747	6,401	6,654
Cubes or Diced	140	159	272	156	122	122	125	182	193	171
Crushed	7,699	6,818	5,638	5,682	5,339	6,164	7,318	7,703	7,280	7,540

*Calendar year. (a) Included in Misc. (b) Small quantity of 1½ included in Misc.

PACKS OF CANNED PINEAPPLE JUICE

Thousands of Actual Cases, Figures Rounded—Pack Beginning Year Shown June 1 through May 31

1935	4,087	1941	8,563	19[illegible]	8,890	1953	14,654	1959	12,016	1965	13,973
1936	6,811	1942	8,830	1948	10,043	1954	14,292	1960	13,309	1966	13,515
1937	7,162	1943	8,298	1949	10,405	1955	14,560	1961	13,792	1967	13,675
1938	8,871	1944	7,957	1950	11,699	1956	15,240	1962	13,845	1968	12,524
1939	8,556	1945	8,671	1951	10,797	1957	11,418	1963	13,449	1969	13,677
1940	10,808	1946	8,207	1952	15,139	1958	13,625	1964	12,669	1970	12,496

PACKS BY SIZE OF CONTAINER

	1970	1971	1972	1973	1974	1975	1976	1977	1978	*1979
48/6 oz	1,274	1,301	904	812	1,194	1,407	1,844	2,394	2,251	2,491
24/8 oz.	217	262	189	347	(a)	(a)	(a)	(a)	.....	.....
24/211 Cyl	1,487	1,327	771	927	176	288	188	369	231	264
24/2	789	646	495	660	(a)	395	310	315	390	342
12/3 Cyl	8,389	8,492	8,080	7,204	5,487	5,430	6,571	7,551	7,149	7,691
6/10	339	354	365	252	(a)	199	153	179	167	173
Misc.	.....	.....	.....	.....	621	126	105	128	118	152
Tot Actual Cs	12,496	12,381	10,804	10,202	7,478	7,846	9,172	10,936	10,305	11,112
Tot Basis 24/2's	13,704	13,642	12,328	11,350	8,448	8,713	10,205	11,977	11,336	12,186
Concentrated (equiv 6/10's)	1,690	1,420	1,080	1,540	899	911	1,167	1,319	1,368	1,543
Hawaii only, ss a/c	10,590	11,004	9,282	8,470	5,643	6,301	7,295	8,403	7,386	n.a.
Hawaii only conc. equiv 6/10's)	1,016	789	634	886	439	564	356	294	290	n.a.

*Calendar year. (a) Included in Misc.

PACKS OF MISCELLANEOUS FRUITS—CALIFORNIA ONLY

Thousands of Actual Cases, Figures Rounded—Pack Beginning Year Shown

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Fruit for Salad	1,091	1,268	1,123	1,198	1,336	847	793	949	(a)	(a)
Mixed Fruits	602	722	786	771	1,048	783	833	1,936	3,063	4,613
Figs	553	329	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Spiced Peaches	311	389	365	193	310	212	172	197	117	191

n.a.—Not available. (a) Included with "Mixed Fruits".

PER CAPITA CONSUMPTION OF CANNED FISHERY PRODUCTS

(POUNDS)

National Marine Fisheries Service, National Oceanic and Atmospheric Admin., U.S. Dept. of Commerce

	1970	1971	1972	1973	1974	1975	1976	*1977	*1978	*1979
Mackerel	.2	.2	.2	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Salmon	.7	.7	.7	.7	.4	.3	.4	.5	.6	.5
Sardines	.4	.4	.4	.4	.5	.4	.2	.3	.3	.3
Tuna	2.4	2.5	2.4	2.9	3.1	3.1	2.9	2.9	3.3	3.3
Shellfish	.5	.5	.5	.5	.6	.6	.4	.6	.5	.5
Other	.0	.2	.1	.4	.5	.4	.4	.3	.4	.3
Total	4.2	4.5	4.3	4.9	5.1	4.8	4.3	4.6	5.1	4.9

*Preliminary. (a) Included in "Other".

U.S. PACKS OF CANNED FISHERY PRODUCTS

Source: National Marine Fisheries Service, National Oceanic and Atmospheric Administration, U.S. Department of Commerce

Thousands of Pounds

1933 518,996	1943 620,880	1953 792,194	1963 1,035,909	1973 1,647,357
1934 681,304	1944 658,660	1954 862,523	1964 1,095,566	1974 1,554,006
1935 647,642	1945 646,386	1955 843,696	1965 1,121,629	1975 1,385,863
1936 769,573	1946 699,378	1956 977,763	1966 1,187,547	1976 1,565,157
1937 717,270	1947 754,129	1957 987,602	1967 1,189,392	1977 1,436,343
1938 649,413	1948 782,208	1958 1,094,602	1968 1,267,025	1978 1,615,488
1939 688,270	1949 855,015	1959 969,135	1969 1,168,281	1979 1,447,698
1940 681,194	1950 967,115	1960 1,083,418	1970 1,345,891	
1941 885,962	1951 800,509	1961 1,042,740	1971 1,328,816	
1942 660,342	1952 809,495	1962 1,133,710	1972 1,596,830	

PACK AND VALUE OF CANNED FISHERY PRODUCTS BY STATE*

Thousands of Standard Cases and Dollars

State and Number of Plants (1977)		1971	1972	1973	1974	1975	1976	1977	1978	1979P
Maine (18)	Pack	n.a.	n.a.	n.a.	n.a.	2,285	1,903	2,047	1,955	n.a.
	Value	18,984	32,190	26,138	37,447	41,993	42,424	55,181	59,584	n.a.
Mass.[1] (2)	Pack	n.a.	n.a.	n.a.	n.a.	1,483	903	1,131	865	n.a.
	Value	19,204	20,005	36,908	18,960	17,578	9,351	31,207	22,487	n.a.
N.Y. (5)	Pack	n.a.	n.a.	n.a.	n.a.	283	307	166	138	n.a.
	Value	6,903	5,284	7,145	7,271	7,213	7,596	5,548	4,789	n.a.
N.J. (12)	Pack	n.a.	n.a.	n.a.	n.a.	1,359	1,373	1,517	1,355	n.a.
	Value	21,411	22,763	28,792	31,271	25,439	34,071	40,295	38,109	n.a.
Pa. (3) & Del[1] (2)	Pack	n.a.	n.a.	n.a.	n.a.	889	759	225	240	n.a.
	Value	8,184	9,539	14,767	14,293	15,274	12,642	5,222	5,952	n.a.
Md. (1)	Pack	n.a.	n.a.	n.a.	n.a.	767	759	272	n.a.	n.a.
	Value	12,079	13,298	20,527	18,480	16,799	27,004	6,798	n.a.	n.a.
Va. (3)	Pack	n.a.	n.a.	n.a.	n.a.	78	94	[2]	148	n.a.
	Value	1,136	688	618	812	793	805	[2]	1,091	n.a.
N.C.[3] (3)	Pack	n.a.	n.a.	n.a.	n.a.	29	24	42	137	n.a.
	Value	3,121	2,440	4,252	1,891	1,559	1,182	2,079	7,112	n.a.
S.C. (2) & Fla. (2)	Pack	[3]	n.a.	n.a.	n.a.	97	90	124	[3]	n.a.
	Value	[3]	[3]	[3]	3,438	2,870	2,853	5,551	[3]	n.a.
La. (12)	Pack	n.a.	n.a.	n.a.	n.a.	1,320	2,456	1,984	1,371	n.a.
	Value	25,147	28,950	39,316	30,363	21,000	42,570	44,036	28,802	n.a.
Miss. (7)	Pack	n.a.	n.a.	n.a.	n.a.	3,154	3,343	3,474	3,886	n.a.
	Value	15,502	21,540	32,240	29,036	22,837	26,650	29,394	28,946	n.a.
Ill.[4] (1) & Mich[4] (2)	Pack	n.a.	n.a.	n.a.	n.a.	599	590	236	214	n.a.
	Value	5,720	5,965	3,137	554	3,227	3,313	11,778	5,306	n.a.
Wis. (3)	Pack	n.a.	n.a.	n.a.	n.a.	598	941	971	[5]	n.a.
	Value	[5]	[5]	[5]	6,251	6,255	10,384	10,366	[5]	n.a.
Calif. (17)	Pack	n.a.	n.a.	n.a.	n.a.	15,587	19,139	16,467	20,027	n.a.
	Value	224,506	319,195	374,068	425,167	342,458	475,595	475,361	614,792	n.a.
Ore. (11)	Pack	n.a.	n.a.	n.a.	n.a.	1,804	1,342	1,120	1,198	n.a.
	Value	34,481	48,739	50,575	69,981	31,623	38,258	32,442	31,290	n.a.
Wash. (43)	Pack	n.a.	n.a.	n.a.	n.a.	894	1,082	904	489	n.a.
	Value	35,306	27,916	37,204	47,283	31,456	33,816	38,704	14,740	n.a.
Alaska (62)	Pack	n.a.	n.a.	n.a.	n.a.	2,088	3,748	4,144	4,283	n.a.
	Value	121,477	85,025	110,456	115,565	113,783	214,169	249,583	273,171	n.a.
P.R. (5), Am. Samoa (2) Hawaii (1)	Pack	n.a.	n.a.	n.a.	n.a.	15,676	16,145	16,844	22,586	n.a.
	Value	217,437	351,383	381,015	447,780	369,789	447,010	541,510	776,856	n.a.
Total (218)	Pack	45,991	57,326	59,180	57,507	48,990	54,997	51,700	58,891	52,294
	Value	770,597	994,922	1,167,160	1,305,847	1,071,945	1,418,514	1,574,689	1,913,027	1,767,906
Total Fish & Fish Spec.	Pack	27,883	35,828	36,469	37,303	30,935	34,920	33,548	41,649	37,084
	Value	583,528	763,893	872,881	1,006,316	822,942	1,109,970	1,226,053	1,596,130	1,467,451
Total Shellfish & Spec.	Pack	7,429	7,610	8,204	7,895	5,893	6,313	7,471	6,008	5,301
	Value	82,711	89,603	123,422	121,100	96,751	121,768	178,481	151,938	148,986
Total - Human Consumption	Pack	35,312	43,438	44,673	45,199	36,829	41,233	41,019	47,657	42,385
	Value	666,239	853,496	996,302	1,127,416	919,692	1,220,559	1,404,534	1,748,068	1,616,437
Total - Animal Food & Bait	Pack	10,679	13,887	14,507	12,308	12,161	13,764	10,681	11,234	9,908
	Value	104,359	141,427	170,858	178,431	152,253	197,955	170,155	164,959	151,469
TOTAL NO. PLANTS		243	232	235	238	223	218	218	193	n.a.

FACTORS USED TO CONVERT STANDARD CASES TO POUNDS (1943 to present) - Salmon 48 lbs.; Sardines (Me.) 23.4 lbs.; Shrimp (wetpack) 6.75 lbs. (15 lbs. 1948-1964); Tuna (solid) 21 lbs., (chunk) 19.5 lbs. (18 lbs. 1941-1951), Flake 18 lbs.; Clams (whole & minced) 15 lbs.; Clam Juice, Chowder, etc. 30 lbs.; Crabmeat 19.5 lbs. (39 lbs 1941-1947); Makeral 45 lbs.; Oysters 7 lbs. (14 lbs 1948-1969).

*Including animal food and bait. [1]Mass. includes Conn. in 1972, Del. in 1977. [2]Included in Md. [3]N.C. includes S.C. & Fla. in 1971, 1972 1973, and 1978. [4]Ill. & Mich. includes Kansas in 1972, 73, 74, 75, 76, - Nebraska and Wisconsin in 1972, 73, 78, Colo. in 1975. [5]Wis. included in Ill. & Mich.

U.S. TOTAL CANNED SALMON PACKS

Thousands of Standard Cases, Basis 48 1-lb. Cans—Figures Rounded

1927	5,077	1935	6,028	1943	5,704	1951	4,646	1959	2,466	1967	2,072
1928	6,927	1936	8,965	1944	5,139	1952	4,464	1960	2,912	1968	3,448
1929	6,991	1937	7,555	1945	4,908	1953	3,912	1961	3,697	1969	2,551
1930	6,086	1938	7,280	1946	4,510	1954	4,163	1962	3,837	1970	3,822
1931	6,740	1939	5,992	1947	5,641	1955	3,289	1963	3,295	1971	3,509
1932	5,909	1940	5,605	1948	4,825	1956	3,505	1964	3,759	1972	1,935
1933	6,362	1941	7,832	1949	5,525	1957	3,207	1965	3,634	1973	1,495
1934	8,383	1942	5,835	1950	4,310	1958	3,732	1966	4,358	1974	1,829

TOTAL CANNED SALMON PACKS BY AREA

Thousands of Standard Cases and Dollars — Figures Rounded

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979P
Pacific Coast States										
Pack	258	610	299	286	486	171	141	232	14	n.a.
Value	14,096	29,341	15,115	24,688	38,145	14,990	14,573	20,874	1,293	n.a.
Alaska										
Pack	3,565	2,899	1,636	1,210	1,343	1,456	2,517	2,910	3,409	n.a.
Value	124,578	107,981	72,255	86,417	98,860	100,302	190,745	222,466	247,260	n.a.
Total Salmon										
Pack	3,822	3,509	1,935	1,495	1,829	1,627	2,659	3,142	3,422	3,148
Value	138,673	137,822	87,370	111,105	137,005	115,292	205,318	243,340	248,553	277,131

CANNED SALMON PACK BY VARIETY BY AREA

Thousands of Standard Cases — Figures Rounded

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979P
CHINOOK or KING										
Alaska	27	32	20	9	16	8	13	10	17	n.a.
Washington	3	9	6	9	13	2	8	5	[1]	n.a.
Oregon*	21	36	22	17	21	7	3	1	2	n.a.
Total	51	76	49	36	50	17	23	16	19	12
CHUM or KETA										
Alaska	450	602	475	354	320	271	331	467	365	n.a.
Washington	14	17	118	30	53	5	9	11	3	n.a.
Oregon*	1	3	7	9	37	.....	.....	.....	.....	n.a.
Total	465	621	600	393	410	276	339	477	368	144
PINK										
Alaska	1,329	1,075	601	471	515	557	1,211	1,426	1,953	n.a.
Washington	11	148	6	78	9	64	8	127	4	n.a.
Oregon*	(a)	29	.....	(a)	4	.....	.....	†	.....	n.a.
Total	1,340	1,251	607	549	528	621	1,219	1,553	1,957	1,919
RED or SOCKEYE										
Alaska	1,705	1,108	494	344	433	571	935	984	1,038	n.a.
Washington	109	243	113	91	204	79	89	71	4	n.a.
Oregon*	17	36	5	4	26	.....	.....	.....	.....	n.a.
Total	1,831	1,388	612	439	663	650	1,024	1,035	1,042	1,040
SILVER or COHO										
Alaska	53	83	46	32	59	49	27	23	36	n.a.
Washington	41	44	11	36	66	12	22	18	[1]	n.a.
Oregon*	40	46	9	12	53	2	3	(a)	1	n.a.
Total	134	173	66	80	178	63	53	41	37	33
TOTAL ALL VARIETIES										
Alaska	3,565	2,899	1,636	1,210	1,343	1,455	2,517	2,910	3,409	n.a.
Washington	178	460	255	244	345	162	136	231	11	n.a.
Oregon*	80	151	44	41	141	9	6	2	2	n.a.
Grand Total	3,822	3,509	1,935	1,495	1,829	1,627	2,659	3,142	3,422	3,148
NUMBER OF PLANTS PACKING SALMON										
Alaska	45	46	50	47	49	50	50	50	50	n.a.
Washington	24	17	15	17	21	19	22	21	14	n.a.
Oregon	9	7	6	7	12	9	6	6	6	n.a.
California	3	2	1	1	2	2	1	1	1	n.a.
Total Plants	81	72	72	72	84	80	79	78	71	n.a.

*Includes small California pack. Oregon Coho figure includes small amount of steelheads. [1]Included in Chum. n.a.-Not available. (a) Less than 500 cases. †Included with Wash. P-Preliminary.

U. S. PACKS OF CANNED TUNA AND TUNA LIKE FISHES

Thousands of Standard Cases — Basis 48 No. ½. Solid Pack 7 oz., Chunks 6½ oz., Flakes or Grated 6 oz.

1927 1,256	1935 2,511	1943 2,696	1951 8,237	1959 14,389	1967 19,993
1928 ....1 216	1936 2,681	1944 3,560	1952 9,121	1960 15,320	1968 20,226
1929 1,504	1937 3,145	1945 4,532	1953 9,580	1961 15,927	1969 20,350
1930 2,011	1938 2,754	1946 4,784	1954 10,889	1962 17,050	1970 22,203
1931 1,217	1939 3,643	1947 5,894	1955 9,938	1963 16,627	1971 22,490
1932 1,206	1940 4,188	1948 7,038	1956 11,834	1964 17,714	1972 31,547
1933 1,443	1941 2,932	1949 7,290	1957 11,903	1965 18,143	1973 32,640
1934 1,967	1942 2,485	1950 9,017	1958 14,205	1966 20,183	1974 33,758

Thousands of Standard Cases and Dollars

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979P
TUNA										
Pack	22,063	22,205	31,210	32,106	33,364	26,802	30,304	27,660	35,635	31,435
Value	380,574	413,236	633,313	704,753	823,893	652,635	853,463	906,614	†1,273	†1,110
TUNA LIKE FISHES										
Pack	140	285	337	534	394	661	163	473	180	77
Value	1,450	3,316	4,150	7,003	5,726	10,067	2,941	10,635	3,737	1,614
TOTAL TUNA and TUNA LIKE FISHES										
Pack	22,203	22,490	31,547	32,640	33,758	27,462	30,468	28,134	35,816	31,512
Value	382,024	416,552	637,463	711,756	829,619	662,702	856,404	917,249	†1,278	†1,111

P—Preliminary. †Millions.

TUNA PACKS BY KIND—AREA—STYLE—CAN SIZE

Thousands of Standard Cases

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979P
ALBACORE*										
California[2]	1,734	1,533	2,573	1,897	2,131	2,399	2,489	1,909	1,554	n.a.
Wash. & Ore.	1,006	865	1,150	1,009	[1]1,214	(a)	(a)	(a)	(a)	n.a.
Other†	4,253	4,354	5,805	5,848	4,817	2,615	3,477	4,312	5,566	n.a.
Tot. Albacore	6,994	6,753	9,529	8,754	8,162	5,014	5,966	6,221	7,120	5,807
LIGHTMEAT*										
California[2]	8,833	8,203	10,438	12,024	12,200	10,627	13,433	10,696	14,092	n.a.
Wash. & Ore.	582	557	737	678	[1]648	(a)	(a)	(a)	(a)	n.a.
Other†	5,653	6,692	10,507	10,650	12,353	11,161	10,906	10,743	14,423	n.a.
Tot. Lightmeat	15,069	15,452	21,681	23,352	25,202	21,788	24,339	21,439	28,515	25,628
STYLE*										
Solid	6,232	5,089	8,824	8,124	8,139	5,230	6,253	6,279	7,269	5,842
Flakes & Grated	1,294	1,259	1,358	1,598	1,640	716	751	523	665	578
Chunks	14,537	15,857	21,027	22,384	23,584	20,856	23,301	20,858	27,701	25,015
BONITO										
Total (Calif.)	140	285	337	534	394	661	163	473	n.a.	n.a.
CAN SIZE Thous. (A/C)										
12/4 lb.	449	370	1,138	675	3,936	401	836	1,042	1,065	n.a.
48/1 lb.	1,146	1,240	1,967	1,981	2,088	1,699	2,122	1,671	1,154	n.a.
48/½ lb.	15,832	15,910	19,931	22,262	22,973	19,383	20,950	18,762	24,484	n.a.
48/¼ lb.	1,939	1,669	2,547	2,146	2,176	2,108	1,707	1,646	2,359	n.a.
24/9¼ oz.	3,042	3,263	4,801	4,620	1,532	312	155	604	441	n.a.
Other (conv. to Std.)	32	55	578	485	475	2,115	2,677	25	2,192	n.a.
Total	22,440	22,507	30,962	32,168	33,180	26,019	28,446	26,928	31,696	n.a.
NUMBER OF PLANTS PACKING TUNA										
California	8	8	7	8	8	8	10	7	7	n.a.
Oregon	7	5	5	6	8	8	5	5	5	n.a.
Washington	5	5	4	4	5	6	8	5	3	n.a.
Other†	8	8	9	9	9	9	9	9	8	n.a.
Total Plants	28	26	25	27	30	31	32	26	23	n.a.

†Atlantic & Gulf Coasts, Hawaii & U.S. Territories. Beginning 1975 Hawaii & U.S. Territories only. *Excludes Bonito. n.a.-Not available at press time. [1]Wash. & Ore. solid pack and flakes & grated light meat included in Albacore. [2]Includes all continental U.S.A. beginning 1975. (a) Included in Calif. P—Preliminary.

U.S. PACKS OF MISC. FISHERY PRODUCTS

Thousands of Standard Cases and Dollars

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979P
Maine Sardines										
Pack	807	951	1,562	995	1,074	1,111	1,067	1,004	1,127	1,298
Value	11,227	10,856	23,877	15,688	21,745	24,917	24,478	27,205	35,641	44,818
Shrimp										
Pack	3,722	3,310	3,525	3,737	3,277	1,838	2,966	3,633	2,490	1,544
Value	37,277	33,648	38,713	55,234	44,370	27,650	48,815	71,336	48,794	42,079
Oysters										
Pack	272	484	400	294	283	343	166	147	86	66
Value	2,102	4,814	4,292	3,688	3,266	4,065	2,548	2,687	1,337	1,062
Clams & Clam Products										
Pack	2,473	2,683	2,865	3,488	3,386	2,984	2,406	2,830	2,712	3,064
Value	25,661	26,344	27,263	38,103	43,106	41,773	39,298	64,521	64,670	68,384
Fish Roe, Caviar & Eggs for Bait										
Pack	44	45	37	196	33	41	29	27	6.7	6.1
Value	8,000	7,452	5,221	10,733	7,710	8,319	5,631	10,507	2,579	3,408
Animal Food*										
Pack	11,244	10,667	13,877	14,497	12,297	12,150	13,752	10,672	11,227	9,902
Value	105,232	101,511	139,180	167,308	174,614	147,826	195,839	165,686	162,380	148,061
Crab Meat										
Pack	261	165	129	191	223	168	182	257	256	241
Value	10,489	7,029	7,008	13,833	13,564	10,078	13,331	19,340	22,300	23,499
Other Edible Fish and Shellfish										
Value	20,943	24,192	24,414	39,694	30,710	29,239	37,933	52,818	50,117	n.a.

*Includes only the pack containing 10 pounds or more of raw fish per standard case. P—Preliminary.

SHIPMENTS OF SALAD DRESSING, MAYONNAISE AND RELATED PRODUCTS

(Millions of Gallons)

	1964	1965	1966	1967	1968	1969	1970	1971	1972	*1973
Salad dressing	63.8	65.9	68.3	69.4	71.0	71.9	72.5	74.2	73.0	71.7
Mayonnaise	70.0	71.7	75.9	79.0	84.6	88.2	92.6	101.1	97.5	104.1
Sand. spreads	6.8	6.9	7.2	7.5	7.2	7.8	7.5	7.4	9.4	10.2
French dressing	10.4	10.7	10.5	10.8	10.5	11.2	11.5	12.2	14.9	17.0
Other	16.2	19.6	21.5	24.3	28.0	31.6	34.3	40.1	45.6	48.2
Total	167.2	174.8	183.4	191.0	201.3	210.7	218.4	235.0	240.4	251.3

BY SIZE OF CONTAINER—Thousands of Gallons

	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973*
6 oz. & under	971	804	832	726	553	718	659	649	727	749
8 oz.	22,213	22,454	23,554	25,159	27,280	27,188	27,094	27,912	29,314	29,568
12 oz.	518	1,759	670	358	337	1,536	1,486	406	429	261
16 oz.	29,227	29,493	29,078	29,234	28,812	28,960	30,550	32,730	32,039	33,511
24 oz.	3,145	2,690	1,894	2,213	1,517	1,603	1,500	1,506	909	924
32 oz.	66,560	66,872	71,478	74,188	80,926	81,027	82,317	86,940	87,902	88,077
64 oz.	639	819	786	865	1,025	1,381	1,071	1,274	1,299	1,090
128 oz.	32,529	34,568	37,843	40,103	43,443	45,330	49,099	52,608	54,431	59,502
Other	11,579	15,295	17,292	18,147	18,364	22,973	24,611	30,973	33,374	37,672
Total	167,181	174,754	183,427	190,993	202,257	210,716	218,387	234,498	240,424	251,354

*Survey discontinued.

MAYONNAISE & SALAD DRESSING PACKS AND VALUES

As Reported by Bureau of Census - Millions of Gallons and Dollars

	1963		1967		1972		1977P	
	Pack	Value	Pack	Value	Pack	Value	Pack	Value
Spoon-type								
Salad dressing	62.7	81.6	69.4	86.6	81.4	123.9	96.0	336.8
Mayonnaise	66.3	121.5	79.0	146.7	94.9	208.5	132.8	490.6
Other	11.4	25.6	15.1	33.4	33.2	76.0	25.3	93.5
Pourable								
French	10.4	22.8	10.8	22.9	14.8	40.9	26.9	115.5
Oil & Vinegar	4.5	15.4	6.0	21.3	10.1	34.0	18.2	88.9
Other	5.0	12.9	10.7	34.2	33.3	92.7	[1]33.5	166.9
Total as reptd. Census of Mfg.	160.2	278.6	207.3	373.9	267.7	576.0	332.7	1,292.2
Total as reptd. Census form MA-20F[2]	160.3	279.8	191.0	345.0	.....	.....	.....	.....

P-Preliminary. [1]Estimated. [2]Detail adds to MA-20F Rept.

PACKS OF CANNED MEAT PRODUCTS

Source: Livestock Division, Agricultural Marketing Service, USDA
Courtesy & Cooperation—American Meat Institute

Thousands of Pounds Processed Under Federal Inspection—Calendar year

	1970	1971	1972	1973	1974	1975	*1976	1977	1978	1979
Luncheon Meat .	265,024	249,322	223,536	232,067	230,682	213,236	247,097	264,947	278,572	278,501
Canned Hams ...	373,830	410,390	354,116	341,308	351,325	249,343	250,992	275,666	271,991	287,809
Hash Products ..	96,068	85,940	84,407	89,283	75,149	69,565	79,180	78,096	84,984	80,640
Chili Con Carne .	258,257	271,762	273,743	294,562	289,070	272,419	305,048	318,146	335,717	333,621
Vienna Sausage .	99,251	107,425	100,873	98,758	94,968	98,908	101,663	119,835	116,035	98,050
Franks & Wieners in Brine	5,568	3,219	3,489	6,542	8,497	2,013	4,959	5,503	2,664	2,055
Deviled Ham	16,217	16,145	15,151	16,206	13,138	11,490	15,038	13,727	15,350	12,746
Potted Products & Spreads	45,090	45,962	37,015	39,919	37,435	34,201	43,191	43,895	45,680	39,798
Tamales	41,183	35,6	34,629	37,504	36,272	28,174	32,035	31,235	29,863	35,008
Sl. Dr. Beef.....	3,220	3,0	2,985	3,600	3,466	3,353	3,939	4,620	4,810	3,715
Chopped Beef ...	5,687	2,80	2,744	3,342	2,215	3,470	3,591	n.a.	n.a.	n.a.
Chopped Beef-Hamburger..(a)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	11,050	8,277	1,677
Corned Beef..(a)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	3,831	1,874	1,677
Meat Stew	194,106	185,256	172,274	203,628	169,353	144,077	150,906	148,800	156,097	145,114
Pasta Meat Products	263,094	284,938	317,382	330,048	315,643	319,653	368,375	428,503	426,362	436,107
Sausage	7,894	6,901	5,813	6,735	5,744	6,811	8,093	n.a.	n.a.	n.a.
Sausage/Oil.....	17,096	12,216	13,244	13,468	8,148	7,982	10,779	n.a.	n.a.	n.a.
Misc. Sausage Products	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	24,669	28,181	26,728
Canned Beef..(a)	35,053	36,920	41,474	39,222	39,448	39,634	58,058	n.a.	n.a.	n.a.
Soups	n.a.	784,630	728,789	810,733	757,101	680,912	726,138	727,967	789,291	744,704
Tongue(not pckld)	626	384	384	465	455	482	256	n.a.	n.a.	n.a.
Vinegar Pickled Products	28,775	28,641	30,980	27,844	30,511	25,776	28,813	•18,017	•19,361	•17,854
Tripe	4,448	3,892	4,136	4,482	5,212	5,685	5,859	n.a.	n.a.	n.a.
Brains	2,040	1,815	1,880	1,879	1,721	1,368	1,695	n.a.	n.a.	n.a.
By Products, Not Pickled	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	9,043	4,613	7,256
Loins/Picnics	17,277	12,673	10,300	9,084	8,591	11,102	10,337	18,260	15,673	12,645
Other-20% or More Meat	174,187	192,344	186,729	192,410	162,215	153,694	147,089	174,273	175,631	169,105
Other-Less than 20%(ex. soup) ..	479,290	539,673	507,773	519,177	503,001	491,470	454,578	289,865	314,618	279,364
Total†	2,433	3,322	3,154	3,322	3,149	2,875	3,058	3,010	3,126	3,014
Govt. Agencies ..	n.a.	n.a.	n.a.	n.a.	77,765	67,915	75,799	††	††	††
Total All†	n.a.	n.a.	n.a.	n.a.	3,227	2,943	3,134	3,010	3,126	3,014

†Millions of "Inspection pounds"—Some products may have been inspected and recorded more than once due to necessity of more than one processing such as curing first then canning. In comparing Totals, note items not available. n.a.—Not available. (a) "Canned Beef" for 1976 & prior years includes hamburger, roasted or corned beef, and meat and gravy. *53 weeks. ††Breakdown by products includes govt. purchases. •Not comparable to prior years due to changes in product classifications.

Come see us at the 1981 IEFP February 15–18, San Francisco

SELECTED U.S. CANNED AND FROZEN SPECIALTY PACKS

PACKS OF PRODUCTS NOT REPORTED ELSEWHERE IN THIS ALMANAC

From 1958, 1963, 1967 and 1972 Census Reports. Quantities are in millions of actual cases, gallons, and pounds as indicated. Value is given in millions of dollars. See other Census Tables, back of this Section.

	1963		1967		1972		1977P	
	Pack	Value	Pack	Value	Pack	Value	Pack	Value
DRY BEANS, Total (cases)	63.9	200.3	69.9	246.1	67.3	305.8	[1]75.0	556.5
Beans w/pork, incl. baked;								
48/8 oz. short & tall, etc.	2.2	7.7	3.0	12.1	3.1	15.6	2.1	18.5
48/1 pic., etc.	.9	4.5	1.2	6.1				
24/300, 303, etc.	18.6	51.6	16.9	48.3	13.0	48.1	18.9	115.6
24/2, etc.	4.8	16.3	5.7	23.1	4.9	24.0	4.8	36.7
24/Jumbo, etc.	.8	4.5						
24/2½(incl. qt., gal., etc.)	7.1	30.0	8.0	36.2	6.6	40.3	5.9	63.7
Other sizes, a/c	3.9	13.6	4.3	16.7	6.9	37.6	10.7	92.4
Beans with sauce, vegetarian style, incl. baked:								
24/300, 303, etc.	2.9	8.1	7.5	20.4	4.8	20.4	4.6	31.3
Other sizes, a/c	2.3	7.5	1.1	4.5	1.5	7.4	2.1	18.3
Beans, other dry, incl. chili con carne:								
24/300, 303, etc.	13.8	34.9	13.4	41.3	13.9	53.7	14.5	90.1
Other sizes, a/c	5.4	18.5	6.7	30.0	9.9	49.7	9.0	69.2
Dry beans (nsk) a/c	1.0	3.1	2.1	7.4	2.7	9.0	[1]2.4	20.7
HOMINY (cases)	2.6	5.6	2.5	5.3	2.4	6.8	2.3	9.9
MUSHROOMS (cases 48)	2.8	33.5	n.a.	46.3	n.a.	91.4	8.1	139.0
PICKLES & PICKLED PRODUCTS (gallons)	178.1	228.1	207.4	260.6	239.3	362.5	n.a.	553.0
Finished cucumber pickles:								
Dill	38.2	41.4	49.1	63.9	67.3	113.4	94.1	228.3
Sour	6.4	7.3	8.1	9.1	10.5	17.5	9.5	35.7
Sweet	25.2	45.4	27.3	48.2	35.4	77.4	25.9	88.2
Fresh pack	41.8	49.1	52.4	63.8	22.3	44.1	16.6	41.9
Pickled products including mixes, relishes, etc.	27.4	40.3	37.8	53.7	35.0	66.0	43.2	93.9
Unfinished pickles (salt stock	19.6	7.6	21.7	8.5	54.0	19.2	n.a.	25.4
Pickles fruits and vegetables nsk	19.5	37.0	32.7	21.9	14.8	24.9	(a)	39.6
VINEGAR & CIDER								
Vinegar	n.a.	n.a.	134.6	46.8	143.2	65.5	(a)	98.8
Cider	n.a.	n.a.	19.9	9.9	31.0	15.1	14.8	24.0
MEAT SAUCES (except tomato) (gallons)	60.3	94.4	59.1	98.5	91.9	151.3	(a)	260.6
Prepared mustard	24.4	30.6	36.6	39.4	47.6	48.1	50.8	90.6
Worchestershire, soy sauce and similar types	28.4	60.8	21.7	57.9	42.6	96.6	57.2	169.2
Other meat saucesnsk	7.5	3.0	.8	1.2	4.1	6.6	(a)	.8
JAMS, JELLIES AND PRESERVES (pounds	.....	227.3	.....	245.2	.....	280.3	(a)	391.5
Jams & preserves, pure:								
Strawberry	125.5	35.7	118.5	35.1	118.0	40.3	114	61.1
Other	293.1	71.9	289.7	81.7	302.9	87.7	221	107.7
Jellies, pure:								
Grape	129.2	29.1	166.8	38.8	185.9	42.7	198.9	76.5
Other	173.1	38.9	146.6	40.0	162.3	42.6	187.2	82.2
Jams & Jellies, imitation	25.9	3.9	40.0	6.0	48.3	10.1	.....	5.6
Marmalades	22.1	4.5	14.8	3.8	18.3	4.4	.....	9.3
Fruit butter	52.5	7.8	39.3	6.9	24.4	5.2	23.2	8.4
Maraschino cherries (gals.)	5.6	19.4	4.9	21.7	5.4	28.9	3.2	24.9
Jams, Jellies and preserves, nsk	.....	16.0	.....	11.2	.....	18.4	(a)	15.8
PEANUT BUTTER (pounds)								
Consumer Sizes	n.a.	n.a.	387.3	150.1	510.7	234.3	541.8	397.6
Commercial-bulk	n.a.	n.a.	52.2	17.5	50.3	16.1	53.5	26.6
SIRUPS & MOLASSES	n.a.	n.a.	959.7	138.8	845.5	167.3	(a)	289.4
FRUITS, CANNED (cases)								
Olives, ripe & green ripe	4.8	43.8	n.a.	35.7	.....	55.1	9.8	96.2
Pie mixes, canned fruit	9.5	40.9	7.7	40.8	9.2	44.9	8.0	82.6
Apple	1.6	5.9	1.3	5.8	1.5	6.7	1.5	12.8
Cherry	3.2	12.8	2.6	16.0	4.0	18.3	2.5	30.5
Peach	1.9	8.6	.7	3.9	.3	1.9	1.5	11.4
Other fruit pie mixes	2.8	13.6	3.0	15.1	3.4	18.0	2.5	27.9

P-Preliminary. (a) Not collected. [1]Estimated. n.a.-Not available.

U.S. CANNED AND FROZEN SPECIALTY PACKS—Continued

	1963		1967		1972		1977	
	Pack	Value	Pack	Value	Pack	Value	Pack	Value
FRUIT JUICES (cases)								
Grape Juice:								
12/22.1 to 27 oz.	.2	13.8	6.4	25.6	2.6	12.5	.....	.....
Other sizes a/c	n.a.	11.9	n.a.	n.a.	11.8	39.9	.....	42.1
Grapefruit-Pineapple blend	8.0	21.8	6.6	17.4	.4	1.3	.2	1.0
Prune juice	8.9	34.6	8.7	40.3	6.6	32.5	5.5	32.0
Quart glass	5.4	22.0	4.7	20.0	2.4	11.4	2.1	12.0
Other sizes a/c	3.5	12.6	4.0	20.3	4.2	21.1	3.3	20.0
Nectars	3.8	13.5	3.3	10.4	4.8	16.7	6.1	33.6
MEATS, CANNED[2] (pounds)	1,521.2	730.1	1,700.8	856.4	1,768.9	1,106.3	1,197.0	1,256.3
Made in slaughtering plants	966.6	482.2	869.5	490.4	992.0	622.1	476.8	561.7
Made in meat processing plants & elsewhere	554.6	247.9	831.3	366.0	776.9	484.2	720.2	694.6
POULTRY, CANNED								
(except soups) (cases)	2.8	39.1	3.6	37.7	4.7	72.9	n.a.	n.a.
48/10 oz. & under	1.1	12.6	.9	17.0	1.0	15.8	n.a.	n.a.
12/40 to 60 oz.	.7	6.4	.6	5.3	.6	6.7	.5	11.5
Other sizes	1.1	10.0	2.1	15.4	3.1	50.2	n.a.	50.4
BABY FOODS (pounds)	.....	230.8	.....	246.3	.....	346.7	n.a.	n.a.
Fruits	268.5	74.8	157.1	47.9	215.3	72.4	211.3	96.2
Meats	n.a.	n.a.	n.a.	n.a.	61.1	45.6	n.a.	n.a.
Vegetables	103.1	29.4	149.1	35.3	126.2	41.5	113.7	50.7
Desserts	88.4	24.8	169.6	50.4	199.4	64.6	n.a.	n.a.
Juices (cases)	11.2	17.0	9.4	19.7	9.8	28.4	13.1	65.2
Other canned	322.7	84.6	284.0	93.0	248.4	94.1	n.a.	n.a.
CANNED & CURED SEAFOOD (pounds)	756.4	384.5	n.a.	421.1	n.a.	587.7	n.a.	1,010.4
Canned (except soups)	567.3	310.3	n.a.	307.6	n.a.	453.9	n.a.	768.4
Canned Seafood soups	90.4	21.0	n.a.	22.4	n.a.	41.9	133.5	65.8
Other Canned	n.a.	n.a.	n.a.	56.7	n.a.	64.4	n.a.	113.1
Cured Seafood	98.7	53.2	42.8	34.4	21.8	27.5	n.a.	63.1
OTHER CANNED SPEC (cases)	n.a.	515.5	n.a.	698.3	n.a.	977.4	n.a.	1,481.2
Spaghetti with meat s	4.3	21.1	n.a.	(b)	n.a.	(b)	n.a.	(b)
Spaghetti without meat	8.5	26.3	n.a.	(b)	n.a.	(b)	n.a.	(b)
Macaroni, w/ or w/out meat	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	5.7	43.0
Spanish foods (mex rice, tort., etc.)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	7.1	42.0
Chinese Foods a/c	6.0	23.5	n.a.	(b)	n.a.	(b)	n.a.	(b)
.Mincemeat (pounds)	16.0	4.6	n.a.	(b)	n.a.	(b)	n.a	(b)
Soups (except seafood), & canned specialties, nsk	.....	440.1	n.a.	(b)	n.a.	(b)	n.a	(b)
FROZEN SPECIALTIES (pounds)	1,697.1	608.1	2,524.7	1,021.3	3,673.8	1,743.1	n.a.	2,814.1
Desert Pies & other Baked goods	683.0	178.3	626.0	208.9	994.2	387.5	n.a.	768.8
Fruit & Custard Pies	401.1	84.9	402.0	101.5	621.8	169.3	693.2	344.8
Other baked (waffles, cookies, cakes, pastries) excl. bread & rolls	281.9	93.4	224.0	107.4	372.4	218.2	584.1	424.0
FROZEN DINNERS, BEEF, PORK, POULTRY PIES, NATIONALITY FOODS	n.a.	n.a.	1,046.5	433.1	1,440.5	702.5	n.a.	1,213.8
Dinners	274.0	133.5	397.9	217.3	787.4	386.0	753.0	481.2
Beef & Pork Pies	290.1	121.6	125.4	44.4	192.5	86.9	58.5	35.9
Poultry Pies			193.8	45.0	225.2	78.0	233.1	99.4
Nationality Foods	450.1	174.5	329.4	126.4	293.1	151.1	n.a.	578.0
Dinners, Pies, Nat. Fds. nsk			n.a.	n.a.	.8	.5	n.a.	19.3
Other, ex. Seafood, (incl. soups)			697.3	247.4	890.0	492.5	1,201.5	692.9
Frozen Spec. nsk (companies 10 or more employees)[1]	(a)	(a)	335.1	124.0	304.3	140.0	n.a.	[1]87.8
Frozen Spec. nsk (companies less than 10 employees)[1]	(a)	(a)	21.3	7.9	44.8	20.6	n.a.	[1]50.8
FROZEN PACKAGED FISH AND SHELLFISH (pounds)	478.4	246.9	588.2	378.1	847.3	692.0	n.a.	1,485.7
Frozen Packaged Fish	287.1	112.4	309.0	132.6	518.2	280.1	n.a.	679.3
Fillets & Steaks	95.4	32.5	136.7	52.2	151.0	74.2	n.a.	118.7
Fish Sticks	89.9	38.5	69.5	28.9	144.4	81.0	(c)	(c)
Fish Portions	101.8	41.4	102.8	51.5	222.8	124.9	419.3	387.3
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	112.3	147.2
Frozen Packaged Shellfish & other Seafood, incl. soups	191.3	134.5	279.2	245.5	329.1	411.9	n.a.	806.4
Shrimp	113.6	88.0	166.0	165.6	193.0	274.4	187.2	380.9
Other, oyster, crab etc.	33.3	22.9	61.3	52.0	81.3	98.3	146.2	299.3
Other, soups, stews, chowders, dinners, pies	44.4	23.6	51.9	27.9	54.8	39.2	37.3	43.7

P—Preliminary. n.a.—Not available. [1]20 employees in 1977, Figures represent Industry 2038 only. [2]Except dog and cat food. Includes products containing 20% or more meat. Products containing less meat included in specialties above. (a) Included in other. (b) Included in total above. (c) included in portions.

U.S. FROZEN FRUIT AND VEGETABLE PACKS

Compiled by The American Frozen Food Institute

Thousands of Pounds

NOTE: Data represents calendar year production by final container size (after repack). Over the span of eight to ten years shown, there have been shifts in both regional production and containerization so that some overlap is inevitable. The occassional minus values shown in parentheses, represent the amount of carryover that was repacked into smaller containers.

TOTAL UNITED STATES VEGETABLE PACKS*

1942 152,512	1948 446,358	1954 974,628	1960 1,958,621	1966 3,364,386
1943 207,872	1949 563,499	1955 1,139,695	1961 2,116,041	1967 3,507,625
1944 237,092	1950 587,101	1956 1,533,038	1962 2,264,116	1968 3,857,840
1945 307,977	1951 770,038	1957 1,366,565	1963 2,322,376	1969 3,915,231
1946 450,000	1952 895,719	1958 1,433,244	1964 2,639,199	1970 4,316,731
1947 346,208	1953 1,103,270	1959 1,626,601	1965 2,933,108	1971 4,574,361

*Includes potatoes beginning 1953 - vegetable mixes excluded 1965 and thereafter.

PACKS OF FROZEN VEGETABLES BY COMMODITY

Item	1972	1973	1974	1975	1976	1977	1978	1979
Artichokes	.....	1,584	1,596	2,236	2,262	1,660	363	1,790
Asparagus	33,574	20,157	16,190	18,409	23,750	22,474	15,427	23,989
Beans, Green	243,576	267,852	239,872	208,185	179,353	230,248	263,245	262,708
Beans, Gr. Italian	11,300	13,547	13,121	5,987	11,594	15,907	16,667	19,213
Beans, Wax	6,065	9,462	7,374	6,830	7,000	5,605	7,478	10,629
Beans, Lima	145,602	149,689	143,389	135,915	68,827	137,358	119,255	124,273
Beans, Speck Butter	11,399	10,947	12,106	8,012	9,431	7,917	12,609	3,876
Broccoli	234,344	213,165	245,285	191,638	201,513	314,395	276,519	298,618
Brussels Sprouts	55,845	56,836	53,729	54,422	44,845	56,642	71,161	61,353
Carrots	165,879	231,688	248,081	165,869	181,277	263,769	238,415	263,080
Cauliflower	94,070	96,098	93,754	76,056	67,807	96,670	127,513	101,130
Celery	11,136	13,421	9,089	7,077	10,286	9,642	17,507	17,494
Collards	21,760	20,885	20,366	14,126	17,022	19,269	17,901	16,534
Corn, cut	273,776	294,223	298,224	288,067	282,391	260,773	303,155	310,648
Corn, on cob	133,064	166,830	152,330	183,381	187,582	265,183	307,079	269,422
Kale	5,647	4,425	5,029	5,071	4,597	6,515	5,403	3,637
Mixed Vegetables*	118,677	99,435	127,785	121,293	110,167	133,108	121,875	158,160
Mushrooms	.....	.....	.....	.....	5,938	10,465	8,848	14,193
Mustard Greens	12,643	14,593	11,539	10,238	10,396	13,857	10,595	10,020
Okra	27,924	40,597	42,992	27,970	27,489	41,551	46,295	33,305
Onion rings	82,102	80,006	77,250	97,845	120,283	122,385	124,492	
Onions, other	28,570	34,673	33,978	23,256	28,680	30,333	29,588	167,239
Peas, Blackeye	38,004	41,974	30,881	21,745	31,368	36,054	36,981	21,099
Peas, Green	340,075	387,749	416,682	400,587	340,366	333,954	357,717	442,612
Peas & Carrots*	33,305	30,339	42,537	33,584	27,436	30,361	31,844	32,036
Peas & Onions*	8,908	9,116	8,756	3,692	2,942	3,796	5,051	7,740
Peppers, Gr.& Red	10,802	8,220	15,381	9,601	8,447	14,316	11,993	10,661
Pumpkin & Sq.	29,708	29,047	32,641	29,802	22,177	25,168	25,058	23,667
Rhubarb	12,177	12,855	7,102	5,986	8,231	8,626	4,856	7,899
Spinach	160,050	159,501	177,892	129,399	160,247	167,766	147,389	181,279
Squash, Summer	28,494	26,343	31,330	27,906	35,377	41,598	43,826	38,149
Stew Vegetables*	21,826	16,047	21,593	22,197	17,585	18,258	13,697	16,324
Succotash*	8,055	6,188	9,246	7,704	6,445	7,610	6,099	7,019
Swt. Pot. & Yams	6,973	7,504	5,828	11,378	12,038	11,091	15,483	14,981
Turnip Greens	19,365	18,630	11,120	15,545	14,457	17,168	13,735	15,948
Turnips, Tur.Gr/Tur	20,160	25,450	23,381	17,562	22,011	25,331	23,511	23,210
Misc. Veg.	16,629	9,374	10,728	11,882	8,942	9,296	11,859	7,922
Total Vegetables	2,280,713	2,467,325	2,488,260	2,211,983	2,155,984	2,622,986	2,711,923	2,800,578
Tot. Potato Products	2,593,848	2,691,073	2,984,881	3,000,983	3,335,051	3,622,823	3,848,810	4,089,732
Tot. Veg. & Pot.	4,874,561	5,158,398	5,473,141	5,212,966	5,491,035	6,245,809	6,560,733	6,890,310

*Repack—Quantities of component products are included in the individual product figures of this table which represent first freezing. Repacks not included in "Total Vegetables".

TOTAL FROZEN VEGETABLE PACKS BY REGION

Thousands of Pounds

	1972	1973	1974	1975	1976	1977	1978	1979
East	581,844	488,474	415,702	385,996	316,782	413,202	516,792	532,217
South	290,228	256,189	276,030	202,893	258,635	290,115	306,132	301,155
Midwest	491,317	591,696	441,315	491,146	457,946	602,248	620,087	771,758
West	3,511,172	3,822,039	4,340,094	4,142,931	4,457,672	4,940,244	5,117,722	5,285,180

EAST AND SOUTH: Ala., Ark., Conn., Del., Fla., Ga., Ky., La., Me., Md., Mass., Miss., Mo., N.J., N.Y., N.C., Okla., Pa., Tenn., Texas, and Va. MIDWEST: Ill., Ind., Michigan, Minnesota, Nebraska, North Dakota, Ohio, and Wisconsin. WEST: California, Colorado, Idaho, Montana, Oregon, Utah, Washington and Wyoming.

FROZEN ASPARAGUS PACKS IN THE U.S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942 5,769	1947 10,737	1952 25,460	1957 31,201	1962 30,810	1967 32,460
1943 9,619	1948 18,321	1953 32,945	1958 24,365	1963 30,315	1968 34,355
1944 12,339	1949 18,422	1954 25,780	1959 32,739	1964 31,054	1969 23,033
1945 20,638	1950 22,309	1955 28,669	1960 40,026	1965 30,867	1970 25,925
1946 28,316	1951 23,562	1956 37,674	1961 34,157	1966 34,532	1971 29,959

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
BY REGION										
Ea., So., MW	4,229	4,154	3,120	1,977	.....	1,895	2,330	2,181	†	n.a.
California	12,883	*25,805	*30,454	*18,180	*16,190	11,428	15,217	14,591	7,256	n.a.
Washington	8,813	*	*	*	*	5,086	6,203	5,702	†8,171	n.a.
BY STYLE										
Spears	18,038	20,043	21,169	13,708	10,419	12,518	15,988	14,801	9,067	15,428
Cuts & Tips	7,887	9,916	12,405	6,449	5,771	5,891	7,762	7,673	6,360	8,561
SIZE CLASSIFICATION†										
Retail	15,700	16,337	17,044	11,256	9,870	8,488	10,546	10,940	6,951	9,226
Food Service	9,850	12,638	14,072	7,298	6,152	9,337	12,788	11,116	7,233	13,431
Bulk	375	984	2,458	1,603	168	584	416	418	1,243	1,332
Total Pack	25,925	29,959	33,574	20,157	16,190	18,409	23,750	22,474	15,427	23,989

*Washington included in California. †Ea., So. & MW included in Washington. n.a.-not available.

FROZEN GREEN BEAN PACKS IN THE U.S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942 13,784	1947 30,911	1952 87,438	1957 ...134,361	1962 ...154,368	1967 ...224,848
1943 24,491	1948 49,583	1953 ...114,781	1958 ...156,006	1963 ...156,320	1968 ...207,910
1944 23,753	1949 58,524	1954 ...123,253	1959 ...138,527	1964 ...173,794	1969 ...184,766
1945 31,460	1950 65,529	1955 ...120,968	1960 ...148,751	1965 ...177,218	1970 ...199,203
1946 40,975	1951 81,650	1956 ...137,744	1961 ...170,256	1966 ...217,914	1971 ...211,601

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
PACK BY REGION*										
East & South	82,079	90,170	110,633	112,516	98,634	89,256	59,364	89,039	101,722	100,462
Midwest	8,038	16,188	15,614	17,054	13,697	12,973	16,140	19,936	29,172	25,173
Northwest	85,305	76,104	82,514	104,116	102,427	77,594	103,849	121,273	132,351	137,073
California	23,781	29,139	34,815	34,166	25,114	28,362	(a)	(a)	(a)	(a)
BY STYLE										
Regular cut	119,099	127,675	151,064	178,331	160,666	144,309	114,446	142,239	161,085	162,000
French cut	75,817	74,741	83,955	80,459	70,202	59,000	59,974	82,633	95,117	91,686
Whole	4,287	9,185	8,557	9,062	9,004	4,876	4,933	5,376	7,043	9,022
SIZE CLASSIFICATION†										
Retail	124,548	117,103	118,422	117,151	109,801	98,273	70,989	94,957	97,356	99,010
Food Service	30,808	39,520	45,959	59,358	52,977	55,287	39,697	46,335	50,652	51,265
Bulk	37,174	35,850	59,835	70,576	52,822	32,367	43,774	51,412	72,837	71,856
Subtotal	.....	192,473	224,216	247,085	215,600	185,927	154,460	192,704	220,845	222,131
Other Uses**	6,673	19,128	19,360	20,767	24,272	22,258	24,893	37,544	42,400	40,577
TOTAL PACK	199,203	211,601	243,576	267,852	239,872	208,185	179,353	230,248	263,245	262,708
GREEN BEANS, ITALIAN†										
Retail	5,059	4,989	5,433	5,534	6,118	5,014	3,990	5,792	4,310	6,225
Food Service	979	1,074	1,628	2,045	2,034	1,521	1,546	2,199	2,334	2,232
Bulk	945	3,952	4,239	4,241	2,548	(3,628)	2,880	3,727	6,665	5,799
Other Uses	n.a.	n.a.	n.a.	1,727	2,421	3,080	3,178	4,189	3,358	4,957
TOTAL PACK	6,983	10,015	11,300	13,547	13,121	5,987	11,594	15,907	16,667	19,213

n.a.-Not available. *Some overlap from region to region. **Frozen product used for combination packs and/or canned and prepared foods. (a) Included in Northwest.

FROZEN WAX BEAN PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Retail	2,566	3,050	2,490	1,486	2,454	1,571	1,354	1,676	1,344	2,104
Food Service	2,309	2,157	2,692	3,165	3,284	2,418	1,510	2,758	2,505	1,896
Bulk	1,301	1,940	883	4,617	524	2,541	3,789	409	1,923	5,112
Other Uses	n.a.	n.a.	n.a.	194	532	300	347	762	1,706	1,517
TOTAL PACK	6,176	7,147	6,065	9,462	7,374	6,830	7,000	5,605	7,478	10,629

FROZEN LIMA BEAN PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

BABY LIMAS

1945	19,234	1950	33,960	1955	58,232	1960	79,535	1965	81,425	1970	73,012
1946	28,805	1951	44,147	1956	67,978	1961	89,883	1966	89,693	1971	73,898
1947	29,858	1952	52,405	1957	60,736	1962	81,592	1967	85,687	1972	92,634
1948	31,663	1953	64,390	1958	65,461	1963	61,707	1968	84,579	1973	98,112
1949	44,665	1954	60,726	1959	64,351	1964	60,823	1969	82,562	1974	97,163

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
BY REGION										
East & South	23,840	32,233	29,861	26,704	29,741	19,498	8,036	15,134	14,306	11,469
Midwest	5,470	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Northwest	16,846	10,489	17,592	21,307	14,578	12,169	7,048	11,341	(b)	(b)
California	26,856	31,176	45,181	50,101	52,844	54,003	28,770	65,679	66,839	71,306
SIZE CLASSIFICATION†										
Retail	47,571	44,774	48,335	44,647	43,899	34,052	31,764	43,398	33,483	35,288
Food Service	10,617	12,155	13,540	13,110	13,736	13,819	10,057	12,669	12,197	11,582
Bulk	9,754	9,353	22,174	31,674	29,639	28,327	(5,819)	25,183	22,904	28,521
Subtotal	67,942	66,282	84,049	89,431	87,274	76,198	36,002	81,250	68,584	75,391
Other Uses	5,070	7,616	8,585	8,681	9,889	9,472	7,852	10,904	12,561	7,384
Total Baby	73,012	73,898	92,634	98,112	97,163	85,670	43,854	92,154	81,145	82,775

FORDHOOK LIMAS

1945	9,242	1949	43,284	1953	74,205	1957	70,644	1961	70,053	1965	64,102
1946	21,278	1950	52,029	1954	68,948	1958	60,449	1962	68,992	1966	62,224
1947	38,336	1951	63,873	1955	59,465	1959	49,672	1963	56,000	1967	63,950
1948	43,741	1952	61,521	1956	75,560	1960	68,022	1964	55,665	1968	66,513
										1969	55,792

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
SIZE CLASSIFICATION†										
Retail	34,315	31,569	40,984	36,057	31,379	30,869	19,881	24,790	22,904	25,179
Food Service	7,780	7,698	12,076	11,342	10,121	8,643	5,638	8,407	5,504	7,512
Bulk	(5,251)	1,423	(92)	4,178	4,726	10,733	(546)	12,007	9,702	8,807
Total Fordhook	36,844	40,690	52,968	51,577	46,226	50,245	24,973	45,204	38,110	41,498

n.a. Not available. (a) Included in East & South. (b) Included in California.

FROZEN BROCCOLI PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942	3,223	1947	9,117	1952	82,253	1957	80,452	1962	111,450	1967	166,730
1943	4,882	1948	29,126	1953	89,043	1958	109,679	1963	135,334	1968	172,959
1944	6,840	1949	45,233	1954	62,004	1959	103,215	1964	129,817	1969	153,784
1945	11,656	1950	41,028	1955	96,240	1960	128,210	1965	122,310	1970	185,157
1946	25,789	1951	48,768	1956	118,287	1961	121,636	1966	158,586	1971	189,600

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
BY REGION										
Northwest (a)	33,796	32,256	40,757	29,843	27,738	21,678	6,959	11,209	11,431	n.a.
California	151,361	157,344	193,587	183,322	217,547	169,960	194,554	303,186	265,088	n.a.
BY STYLE										
Cuts	26,698	29,130	42,031	45,633	54,787	46,675	56,874	93,197	82,707	106,874
Chopped	25,830	33,828	46,161	33,054	35,136	28,502	28,463	49,565	40,340	34,666
Spears	132,629	126,642	146,152	134,478	155,362	116,461	116,176	171,633	153,472	157,078

(a) Includes East, South & Midwest.

FROZEN BROCCOLI PACKS—Continued

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
SIZE CLASSIFICATION†										
Retail	146,297	136,601	180,402	152,316	168,649	124,313	119,396	185,728	157,979	167,095
Food Service	37,873	46,692	44,999	50,024	60,803	54,180	59,692	85,997	76,169	80,362
Bulk	987	6,307	8,943	6,580	9,842	5,269	14,585	27,013	21,246	27,568
Subtotal	.....	.....	.....	208,920	239,294	183,762	193,673	298,738	255,394	275,025
Other Uses	n.a.	n.a.	n.a.	4,245	5,991	7,876	7,840	15,657	21,125	23,593
TOTAL PACK	185,157	189,600	234,344	213,165	245,285	191,638	201,513	314,395	276,519	298,618

(a) Included in Northwest. n.a. Not available.

FROZEN BRUSSELS SPROUTS PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942 3,430	1947 4,557	1952 22,454	1957 33,354	1962 40,334	1967 39,479
1943 4,839	1948 10,526	1953 40,802	1958 30,424	1963 42,272	1968 49,024
1944 4,920	1949 23,455	1954 33,418	1959 38,733	1964 47,476	1969 40,083
1945 6,606	1950 22,439	1955 23,142	1960 39,261	1965 37,339	1970 42,663
1946 13,521	1951 22,476	1956 43,989	1961 40,057	1966 51,698	1971 49,195

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
SIZE CLASSIFICATION										
Retail	32,724	35,856	42,402	41,132	40,730	36,032	32,729	41,598	45,782	41,889
Other	9,939	13,339	13,443	15,704	12,999	18,390	12,116	15,044	25,379	19,464
TOTAL PACK	42,663	49,195	55,845	56,836	53,729	54,422	44,845	56,642	71,161	61,353

FROZEN CARROT PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942 1,043	1947 2,905	1952 22,269	1957 34,237	1962 79,422	1967 ...133,337
1943 2,260	1948 15,393	1953 29,332	1958 53,713	1963 69,773	1968 ...162,282
1944 903	1949 12,751	1954 27,494	1959 55,487	1964 63,947	1969 ...150,945
1945 6,051	1950 13,338	1955 34,389	1960 72,100	1965 ...109,538	1970 ...173,054
1946 9,069	1951 10,573	1956 51,010	1961 60,271	1966 ...131,127	1971 ...143,681

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
BY REGION										
East & South	30,651	31,764	27,323	38,939	35,002	25,218	28,808	28,446	35,980	31,324
Midwest	(a)	(a)	(a)	17,324	11,449	(a)	(a)	(a)	(a)	(a)
Northwest	142,403	111,917	138,556	100,819	101,280	58,359	75,151	115,199	90,950	117,917
California	(b)	(b)	(b)	74,606	100,350	82,292	77,318	120,124	111,485	113,839
BY STYLE										
Diced	105,267	79,225	94,321	153,882	154,445	84,858	100,673	141,599	108,547	143,335
Sliced & Crinkle	47,058	44,756	46,674	49,931	57,078	56,624	45,331	60,999	68,139	73,765
Nuggets, Baby & whole	20,729	12,806	10,815	12,503	17,431	15,090	19,262	27,233	27,067	24,310
Shoestring	(c)	3,642	9,589	6,949	8,319	4,683	7,677	14,067	11,593	10,625
Chunks & Chips	(c)	3,252	4,480	8,423	10,808	4,614	8,334	19,871	23,069	11,045
SIZE CLASSIFICATION										
Retail	25,010	26,708	28,455	34,004	36,978	35,879	27,883	33,703	38,406	33,532
Food Service	12,465	10,780	14,313	21,193	23,247	18,271	16,516	19,377	21,093	17,936
Bulk	116,700	66,539	82,028	141,353	148,911	72,539	100,835	155,440	116,497	150,544
Subtotal	154,175	104,027	124,796	196,550	209,136	126,689	145,234	208,520	175,996	202,012
Other Uses	18,879	39,654	41,083	35,138	38,945	39,180	36,043	55,249	62,419	61,068
TOTAL PACK	173,054	143,681	165,879	231,688	248,081	165,869	181,277	263,769	238,415	263,080

(a) Included in East & South. (b) Included in Northwest. (c) Included in Nuggets, Baby & Whole.

FROZEN CAULIFLOWER PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942 1,200	1947 5,354	1952 33,166	1957 22,690	1962 37,806	1967 50,971
1943 2,513	1948 13,963	1953 35,710	1958 33,251	1963 40,677	1968 67,566
1944 4,821	1949 21,655	1954 17,088	1959 33,566	1964 43,596	1969 69,744
1945 7,391	1950 12,339	1955 40,086	1960 48,743	1965 46,211	1970 59,782
1946 13,237	1951 22,428	1956 47,159	1961 41,117	1966 53,985	1971 67,659

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
BY REGION										
California	49,348	54,588	79,046	77,268	84,192	58,448	51,929	76,981	96,771	76,957
Ea., So., NW.	10,434	13,071	15,024	18,830	9,562	17,608	15,878	19,689	30,742	24,173
SIZE CLASSIFICATION										
Retail	48,300	47,064	71,903	63,511	56,656	43,525	36,586	49,144	59,930	48,954
Other	11,482	20,595	22,167	28,819	32,603	26,572	23,748	36,484	57,687	39,788
Subtotal	.....	.....	.....	92,330	89,259	70,097	60,334	85,628	117,617	88,742
Other Uses	n.a.	n.a.	n.a.	3,768	4,495	5,959	7,473	11,042	9,896	12,588
TOTAL PACK ...	59,782	67,659	94,070	96,098	93,754	76,056	67,807	96,670	127,513	101,130

*Included in Other.

FROZEN CORN-ON-COB PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942 1,767	1947 6,064	1952 14,186	1957 13,699	1962 16,873	1967 43,973
1943 846	1948 10,324	1953 17,217	1958 10,370	1963 11,748	1968 76,358
1944 606	1949 17,563	1954 16,788	1959 9,872	1964 27,757	1969 73,914
1945 445	1950 10,069	1955 6,932	1960 11,320	1965 40,337	1970 80,889
1946 2,296	1951 8,772	1956 20,422	1961 12,000	1966 44,241	1971 ...106,893

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
BY REGION										
East & South	7,718	12,066	9,570	9,238	18,438	27,106	25,476	30,590	33,642	34,910
Midwest	15,799	21,682	33,338	41,548	39,454	43,810	42,904	81,920	87,996	66,114
West	57,372	73,145	90,156	116,044	94,438	112,465	119,202	152,673	185,441	168,398
SIZE CLASSIFICATION										
Retail	56,931	58,109	94,081	113,578	104,699	106,052	87,747	102,512	131,080	179,737
Food Service	9,627	13,173	17,364	25,345	26,407	44,128	36,391	87,056	93,062	109,378
Bulk	14,331	35,611	21,619	27,907	21,224	32,601	63,444	75,615	82,937	†(19,693)
TOTAL PACK ...	80,889	106,893	133,064	166,830	152,330	183,581	187,582	265,183	307,079	269,422

(a) Included in Midwest. (b) Packages 10 lbs. and under included with retail. Larger sizes included in bulk. †Deficit attributable to previous years carryover.

FROZEN CUT CORN PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942 9,369	1947 26,559	1952 62,684	1957 ...112,917	1962 ...163,456	1967 ...316,100
1943 21,450	1948 20,920	1953 ...104,809	1958 ...111,039	1963 ...168,156	1968 ...334,549
1944 20,983	1949 37,076	1954 78,212	1959 ...121,013	1964 ...159,846	1969 ...289,268
1945 25,551	1950 32,998	1955 70,041	1960 ...130,460	1965 ...222,185	1970 ...216,097
1946 42,427	1951 44,549	1956 ...118,153	1961 ...168,960	1966 ...300,165	1971 ...226,835

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
BY REGION										
East & South	30,347	28,921	26,150	24,936	30,839	27,846	24,788	22,053	21,857	20,701
Midwest	66,363	75,467	97,986	81,741	52,228	53,394	66,186	54,177	60,437	40,754
West	119,387	122,447	149,640	187,546	215,157	206,827	191,417	184,543	220,861	249,193
SIZE CLASSIFICATION										
Retail	132,883	143,186	138,242	134,963	129,673	134,347	117,505	126,114	118,443	121,027
Food Service	26,996	24,189	29,080	30,919	38,521	34,327	33,556	34,967	38,458	36,484
Bulk	42,047	30,314	78,712	104,487	103,698	94,127	104,661	66,685	106,482	113,440
Subtotal	201,926	197,689	246,034	270,369	271,892	262,801	255,722	227,766	263,383	270,951
Other Uses	14,171	29,146	27,742	23,854	26,332	25,266	26,669	33,007	39,772	39,697
TOTAL ALL	216,097	226,835	273,776	294,223	298,224	288,067	282,391	260,773	303,155	310,648

(a) Included in bulk. (b) Not broken out.

FROZEN OKRA PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Production Chiefly in the South—Thousands of Pounds

1947 372	1951 4,789	1955 13,647	1959 22,307	1963 21,144	1967 47,465
1948 1,526	1952 8,427	1956 13,084	1960 17,955	1964 35,451	1968 30,485
1949 2,344	1953 12,285	1957 17,071	1961 24,754	1965 30,365	1969 38,250
1950 2,620	1954 7,756	1958 15,767	1962 23,084	1966 38,327	1970 44,168

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
BY STYLE										
Whole	20,708	16,029	13,183	16,847	22,672	13,136	9,576	13,705	14,067	8,732
Cut	23,460	16,205	14,741	23,750	20,320	14,834	17,913	27,846	32,228	24,573
SIZE CLASSIFICATION										
Retail	36,583	31,129	25,764	28,450	29,700	22,964	24,589	28,183	23,027	27,186
Other	7,585	1,105	2,160	12,147	13,292	5,006	2,900	13,368	23,268	6,119
TOTAL PACK ...	44,168	32,234	27,924	40,597	42,992	27,970	27,489	41,551	46,295	33,305

FROZEN BLACK-EYED (AND OTHER SOUTHERN*) PEAS

Compiled by The American Frozen Food Institute

Thousands of Pounds

1948 573	1952 4,146	1956 6,737	1960 16,678	1964 23,452	1968 25,579
1949 704	1953 6,431	1957 11,624	1961 18,683	1965 26,037	1969 20,647
1950 1,280	1954 5,698	1958 13,012	1962 18,380	1966 29,780	1970 30,084
1951 2,725	1955 10,227	1959 14,821	1963 15,639	1967 44,236	1971 33,027

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
BY TYPE										
Black-eyed	20,010	23,958	28,652	28,114	20,283	14,038	17,125	19,082	21,951	12,554
Other	10,074	9,069	9,352	13,860	10,598	7,707	14,243	16,972	15,030	8,545
SIZE CLASSIFICATION										
Retail	28,611	26,763	26,450	30,008	28,627	22,995	23,843	21,700	16,789	23,901
Other	1,473	6,264	11,554	11,966	2,254	(1,250)	7,525	14,354	20,192	†(2,802)
TOTAL PACK ...	30,084	33,027	38,004	41,974	30,881	21,745	31,368	36,054	36,981	21,099

*Includes crowder, field, lady, creme, purple hull, etc. †Deficit attributable to previous years carryover and imported product repacked in U.S.

FROZEN GREEN PEA PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942 59,077	1947 ...131,786	1952 ...203,726	1957 ...295,823	1962 ...356,857	1967 ...424,246
1943 70,310	1948 ...118,977	1953 ...226,664	1958 ...251,934	1963 ...344,784	1968 ...429,352
1944 79,152	1949 ...113,273	1954 ...206,854	1959 ...304,955	1964 ...336,931	1969 ...367,323
1945 ...103,834	1950 ...152,275	1955 ...231,216	1960 ...295,227	1965 ...443,289	1970 ...344,520
1946 ...140,603	1951 ...195,541	1956 ...359,661	1961 ...346,069	1966 ...375,360	1971 ...348,418

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
BY REGION										
East & South	55,482	50,443	38,427	28,925	40,811	40,368	24,632	26,057	29,911	43,912
Midwest	42,648	43,622	47,288	66,457	52,432	37,136	36,791	49,602	44,144	54,463
Northwest	246,390	237,627	234,626	267,585	292,973	285,548	258,802	222,425	266,385	305,058
California	(a)	16,726	19,734	24,782	30,466	37,535	20,141	35,870	17,277	39,179
SIZE CLASSIFICATION										
Retail	132,384	154,323	133,101	144,036	146,659	136,063	125,633	132,457	131,175	142,675
Food Service	46,367	56,133	45,685	60,849	61,814	57,747	64,700	55,644	49,252	62,923
Bulk	130,480	85,266	117,869	139,965	160,827	169,638	112,588	102,069	130,052	184,725
Subtotal	309,231	295,722	296,655	344,850	369,300	363,448	302,921	290,170	310,479	390,323
Other Uses	35,289	52,696	43,420	42,899	47,382	37,139	37,445	43,784	47,238	52,289
TOTAL PACK ...	344,520	348,418	340,075	387,749	416,682	400,587	340,366	333,954	357,717	442,612

(a) Included in Northwest. (b) Included in bulk. (c) Not broken out.

FROZEN POTATO PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1953 70,691	1957 219,860	1961 579,162	1965 1,218,529	1969 2,048,408
1954 85,256	1958 269,462	1962 761,609	1966 1,459,634	1970 2,404,389
1955 128,890	1959 371,048	1963 861,537	1967 1,490,809	1971 2,565,118
1956 189,685	1960 551,392	1964 1,117,883	1968 1,736,055	1972 2,593,848

	1972	1973	1974	1975	1976	1977	1978	1979
TOTAL BY REGION								
Northwest	2,041,046	2,167,877	2,487,080	2,570,898	2,936,652	3,101,630	3,231,754	3,233,465
East, So. & MW...	552,802	523,196	497,801	430,085	398,399	521,193	617,056	856,267
U.S. Total	2,593,848	2,691,073	2,984,881	3,000,983	3,335,051	3,622,823	3,848,810	4,089,732
TOTAL BY STYLE								
French Fries	2,240,791	2,320,299	2,541,667	2,633,031	2,907,843	3,134,339	3,265,498	3,488,045
Hash Browns	139,048	162,206	197,429	173,612	188,549	204,303	222,021	235,478
Misc. Products ...	214,009	208,568	245,785	194,340	238,659	284,181	361,291	366,209
FRENCH FRIES								
Retail Straight ...	205,908	194,286	301,885	227,859	324,124	272,870	273,477	304,633
Retail Crinkle	318,699	260,044	303,665	338,014	322,577	323,773	288,691	305,375
Total Retail	524,607	454,330	605,550	565,873	646,701	596,643	562,168	610,008
Food Ser. Str	1,130,539	1,261,344	1,378,669	1,521,623	1,731,720	1,958,996	2,115,236	2,367,103
Food Ser. Crinkle .	578,472	551,875	553,912	526,841	511,452	551,087	561,343	603,388
Tot. Food Service .	1,709,011	1,813,219	1,932,581	2,048,464	2,243,172	2,510,083	2,676,579	2,970,491
Bulk Straight	8,896	47,829	4,423	16,082	20,233	29,155	26,971	(89,135)
Bulk Crinkle	(1,723)	4,921	(887)	2,612	(2,263)	(1,542)	(220)	(3,319)
Tot. Bulk	7,173	52,750	3,536	18,694	17,970	27,613	26,751	(92,454)
Tot. Straight	1,345,343	1,503,459	1,684,977	1,765,564	2,076,077	2,261,021	2,415,684	2,582,601
Tot. Crinkle	895,448	816,840	856,690	867,467	831,766	873,318	849,814	905,444
All French Fries..	2,240,791	2,320,299	2,541,667	2,633,031	2,907,843	3,134,339	3,265,498	3,488,045
HASH BROWNS								
Retail	92,100	104,739	139,850	106,994	114,709	110,814	119,265	122,701
Food Ser& Bulk ..	46,948	57,467	57,579	66,618	73,840	93,489	102,756	112,777
Tot. Hash Brown .	139,048	162,206	197,429	173,612	188,549	204,303	222,021	235,478
MISC. POT. PROD.								
Retail	148,473	117,671	143,352	107,479	121,463	159,301	161,858	153,243
Food Service	54,799	71,515	86,170	75,351	114,448	120,020	181,813	187,875
Bulk	10,737	19,384	16,263	11,510	2,748	4,860	17,620	25,091
Tot. Misc.	214,009	208,568	245,785	194,340	238,659	284,181	361,291	366,209

PUMPKIN AND COOKED SQUASH

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942 2,633	1947 5,190	1952 15,068	1957 13,151	1962 12,101	1967 23,298
1943 8,344	1948 5,577	1953 9,473	1958 18,007	1963 12,190	1968 24,672
1944 10,002	1949 8,337	1954 13,036	1959 15,705	1964 11,243	1969 26,091
1945 7,354	1950 8,325	1955 17,863	1960 23,447	1965 17,390	1970 27,241
1946 10,009	1951 12,723	1956 24,158	1961 15,894	1966 18,697	1971 28,470

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
SIZE CLASSIFICATION										
Retail	17,506	18,326	19,889	21,199	19,184	10,567	9,798	13,999	12,254	11,955
Other	9,735	10,144	9,819	7,848	13,457	19,235	12,379	11,169	12,804	11,712
Total Pack	27,241	28,470	29,708	29,047	32,641	29,802	22,177	25,168	25,058	23,667

FROZEN SPINACH PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942 16,575	1947 23,279	1952 91,464	1957 ...102,130	1962 97,291	1967 ...153,228
1943 24,648	1948 41,571	1953 87,927	1958 97,472	1963 ...119,768	1968 ...153,960
1944 31,947	1949 62,307	1954 66,901	1959 ...121,904	1964 ...126,957	1969 ...107,182
1945 36,721	1950 52,806	1955 ...110,347	1960 ...118,595	1965 ...122,264	1970 ...145,694
1946 38,185	1951 97,878	1956 ...104,511	1961 ...116,505	1966 ...142,931	1971 ...156,991

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
BY REGION										
East & South	38,209	34,238	27,411	28,060	19,748	13,984	10,117	8,827	12,714	13,756
West	107,485	122,753	132,639	131,441	158,144	115,415	150,130	158,939	134,675	167,523
BY STYLE										
Leaf.....	78,479	86,802	84,103	86,916	102,755	72,153	84,917	93,953	79,322	97,552
Chopped.....	67,215	70,189	75,947	72,585	75,137	57,246	75,330	73,813	68,067	83,727
SIZE CLASSIFICATION										
Retail	100,649	96,570	104,536	102,853	108,925	87,282	94,232	99,797	82,372	102,922
Food Service	42,967	56,911	50,457	53,381	65,905	41,136	62,327	64,934	60,899	74,039
Bulk	2,078	3,510	5,057	3,267	3,062	981	3,688	3,035	4,118	4,318
Total Pack	145,694	156,991	160,050	159,501	177,892	129,399	160,247	167,766	147,389	181,279

FROZEN SUMMER SQUASH PACKS IN THE U. S.

(All Types, Including Zucchini)

Compiled by The American Frozen Food Institute

Thousands of Pounds

1961 5,926	1964 6,316	1967 10,467	1970 18,953	1973 26,343
1962 8,022	1965 10,987	1968 12,832	1971 26,882	1974 31,330
1963 8,881	1966 11,990	1969 17,318	1972 28,494	1975 27,906

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
SUMMER SQUASH										
Retail	4,657	5,563	6,077	5,723	7,318	5,627	5,067	4,997	3,403	3,728
Food Service	5,103	9,631	9,748	7,251	7,603	8,291	10,690	11,450	7,208	7,390
Bulk	(251)	1,052	673	218	243	70	2,426	2,377	1,892	2,706
TOTAL.....	9,509	16,246	16,498	13,192	15,164	13,988	18,183	18,824	12,503	13,824
ZUCCHINI										
Retail	1,692	2,130	1,747	1,586	1,799	3,347	1,807	3,386	3,041	2,748
Food Service	2,876	3,692	3,142	2,738	5,014	4,455	4,451	6,854	7,361	6,754
Bulk	4,876	4,814	4,892	7,029	7,193	4,109	8,873	8,175	16,676	9,993
Other Uses	.....	.....	2,215	1,798	2,160	2,007	2,063	4,359	4,245	4,830
TOTAL.....	9,444	10,636	11,996	13,151	16,166	13,918	17,194	22,774	31,323	24,325
ALL TYPES										
Retail	6,349	7,693	7,824	7,309	9,117	8,974	6,874	8,383	6,444	6,476
Food Service	7,979	13,323	12,890	9,989	12,617	12,746	15,141	18,304	14,569	14,144
Bulk	4,625	5,866	5,565	7,247	7,436	4,179	11,299	10,552	18,568	12,699
Other Uses	.....	.....	2,215	1,798	2,160	2,007	2,063	4,359	4,245	4,830
TOTAL ALL	18,953	26,882	28,494	26,343	31,330	27,906	35,377	41,598	43,826	38,149

ODDS are
that you are
"borrowing" the
ALMANAC

Why not order
a copy of your
own or better
yet a crisp new one
for the "borrowee"

Box 866
Westminster,
Md. 21157
301-876-2052

TOTAL U.S. FROZEN FRUIT AND BERRY PACKS

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942	194,643	1948	369,723	1954	522,990	1960	659,718	1966	663,570
1943	187,267	1949	354,021	1955	659,787	1961	704,926	1967	641,813
1944	323,886	1950	472,173	1956	694,327	1962	668,118	1968	728,457
1945	427,038	1951	415,945	1957	671,374	1963	619,514	1969	678,283
1946	519,093	1952	420,303	1958	610,387	1964	795,154	1970	620,688
1947	343,520	1953	541,961	1959	617,576	1965	653,452	1971	665,478

TOTAL FROZEN FRUIT AND BERRY PACKS BY REGION

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Northeast	78,519	84,414	77,963	100,973	61,925	63,782	47,433	31,386	46,533	47,504
South	29,633	28,420	18,503	21,374	22,452	14,142	6,871	8,901	(a)	(a)
Midwest	155,311	184,146	212,008	157,087	172,477	152,812	112,001	133,776	142,526	105,328
West	357,225	368,498	303,588	370,730	345,250	336,089	462,208	462,497	319,917	380,947
Total	620,688	665,478	612,062	650,164	602,104	566,825	628,513	636,560	508,976	533,779

NORTHEAST: Conn., Maine, Mass., New Jersey, New York, Pennsylvania, and Rhode Island. SOUTH: Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia. MIDWEST: Illinois, Indiana, Michigan, Minnesota, Nebraska, Ohio, and Wisconsin. WEST: Arizona, California, Colorado, Hawaii, Idaho, Montana, Oregon, Utah, and Washington. (a) Included in Northeast.

FROZEN FRUIT AND BERRY PACK BY COMMODITY

Product	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Apples	100,370	96,999	130,377	135,086	99,180	89,704	118,759	97,204	68,337	60,827
Apricots	12,107	10,977	15,512	16,534	11,848	15,886	15,008	15,749	11,814	16,941
Cherries, R.S.P.	121,271	159,408	145,570	109,368	137,976	126,073	84,113	103,751	92,710	75,215
Cherries, Sweet	4,124	2,568	3,266	5,209	8,890	6,712	12,386	13,011	18,362	13,262
Grapes & Pulp	5,185	5,761	5,333	4,145	2,897	(a)	1,723	4,892	4,529	2,264
Peaches	47,471	59,924	46,316	81,388	59,058	40,273	65,101	69,323	40,814	62,510
Plums & Prunes	8,269	3,666	5,075	6,121	6,315	5,236	4,977	3,594	2,774	5,649
Purees, Non Cit	15,170	16,331	10,582	12,228	5,311	5,983	16,171	16,833	16,338	12,251
Blackberries	29,186	27,536	21,164	8,249	21,107	20,892	22,774	23,352	19,579	14,823
Blueberries	21,836	30,441	30,932	44,376	24,393	24,572	26,261	14,750	27,992	31,485
Boysenberries	8,478	6,245	6,203	6,275	5,093	4,815	4,094	3,836	3,048	2,732
Currants	746	803	758	1,114	630	543	1,123	765	654	475
Gooseberries	540	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Loganberries	1,756	1,858	1,517	852	1,877	2,954	2,371	3,427	2,089	1,276
Olallie berries	2,265	2,551	2,724	3,186	2,936	1,880	(a)	(a)	2,886	3,082
Raspberries, B	4,095	3,635	3,876	2,684	1,784	1,986	1,720	1,766	1,453	3,907
Raspberries, R	25,409	24,467	20,485	26,625	20,323	24,666	20,841	23,222	19,742	19,611
Strawberries	201,572	199,399	146,842	168,552	170,371	183,895	216,153	220,391	159,834	190,572
Misc. Fru & Ber	10,838	12,909	15,530	18,172	22,115	10,755	14,938	20,694	16,021	16,897
Total	620,688	665,478	612,062	650,164	602,104	566,825	628,513	636,560	508,976	533,779

(a) Included in Misc.

FROZEN APPLE PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942	15,110	1947	28,573	1952	37,649	1957	69,225	1962	65,874	1967	97,634
1943	27,810	1948	27,552	1953	42,356	1958	67,407	1963	75,429	1968	117,218
1944	52,391	1949	52,268	1954	60,094	1959	72,313	1964	86,893	1969	122,293
1945	92,985	1950	48,013	1955	72,756	1960	69,853	1965	93,392	1970	100,370
1946	78,220	1951	28,772	1956	86,956	1961	80,117	1966	94,352	1971	96,999

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
BY REGION										
Northeast	49,749	42,896	48,529	60,457	29,110	38,073	19,090	8,735	11,188	11,529
South	(a)	(a)	(a)	(a)	12,816	(a)	(a)	(a)	(a)	(a)
Midwest	44,137	46,611	64,618	52,951	57,254	51,631	32,641	31,062	41,380	29,170
West	6,484	7,492	17,230	21,678	(b)	(b)	67,028	57,407	15,769	20,128
SIZE CLASSIFICATION										
20 lb. and less	75	1,653	1,445	14,846	751	1,060	43,513	42,959	4,437	5,310
25 to 28 lb.	7,220	4,109	4,482	2,445	8,015	8,438	(c)	(c)	(c)	(c)
30 lb.	88,929	83,117	103,185	104,067	60,658	59,434	53,353	42,745	44,091	34,240
32 to 60 lb.	2,908	4,183	7,461	12,625	9,617	5,240	11,368	4,763	6,937	4,173
I Q F	n.a.	n.a.	9,847	7,094	19,437	14,981	10,238	6,737	12,036	14,307
Barrels	1,238	3,937	3,957	(5,991)	702	551	287	(d)	836	2,797
Total Pack	100,370	96,999	130,377	135,086	99,180	89,704	118,759	97,204	68,337	60,827

(a) Included in Northeast. (b) Included in Midwest. (c) Included in 20 lb. and less. (d) Included in IQF.

FROZEN R. S. P. CHERRY PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942 41,820	1947 67,002	1952 61,867	1957 ...130,571	1962 ...137,293	1967 97,792
1943 23,005	1948 87,798	1953 ...115,242	1958 86,195	1963 81,644	1968 ...141,515
1944 55,059	1949 70,989	1954 86,695	1959 ...107,447	1964 ...202,522	1969 ...140,688
1945 16,144	1950 ...104,459	1955 ...114,465	1960 ...129,029	1965 ...146,355	1970 ...121,271
1946 88,061	1951 99,282	1956 88,734	1961 ...186,440	1966 87,367	1971 ...159,408

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
BY REGION										
Northeast	29,904	30,600	23,610	17,715	12,675	15,139	8,999	5,241	9,012	12,807
Midwest	84,627	107,330	119,236	77,622	115,204	99,850	57,511	86,096	71,135	47,934
West	6,740	21,478	2,724	14,031	10,097	11,084	17,603	12,414	12,563	14,474
SIZE CLASSIFICATION										
15 lb. & less	2,921	2,146	1,780	756	819	1,546	595	1,013	(b)	(b)
25 to 30 lb.	107,712	137,700	124,573	100,326	122,438	112,760	72,732	89,134	83,123	63,368
31 lb & over*	6,662	13,095	14,731	6,104	11,608	9,833	10,786	13,604	9,587	11,847
Barrels	3,976	6,467	4,486	2,182	3,111	1,934	(a)	(a)	(a)	(a)
Total Pack	121,271	159,408	145,570	109,368	137,976	126,073	84,113	103,751	92,710	75,215

*Includes I.Q.F. (a) Included in 31 lb. & over. (b) Included in 25 to 30 lb.

FROZEN PEACH PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942 13,801	1947 27,034	1952 35,454	1957 44,462	1962 53,570	1967 73,358
1943 17,009	1948 13,598	1953 32,171	1958 43,478	1963 65,607	1968 82,035
1944 45,563	1949 23,235	1954 36,380	1959 47,259	1964 76,250	1969 53,572
1945 ...103,634	1950 25,791	1955 50,636	1960 72,928	1965 59,453	1970 47,471
1946 65,140	1951 32,380	1956 45,481	1961 60,774	1966 65,190	1971 59,924

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
BY REGION										
West	42,730	49,431	44,937	72,981	51,118	35,826	58,845	64,766	38,191	n.a.
Other	4,741	10,493	1,379	8,407	7,940	4,447	6,256	4,557	2,623	n.a.
SIZE CLASSIFICATION										
Retail	(a)	(a)	(a)	1,500	4,173	(a)	(a)	4,516	1,528	(a)
Food Service										
10 lb & less	5,026	7,124	4,901	8,975	5,624	3,648	7,575	5,118	5,294	8,824
30 lb	16,449	12,251	5,411	4,383	14,743	3,947	4,348	1,784	2,772	5,281
32 lb	21,432	34,502	28,719	38,604	17,066	12,475	17,850	23,107	5,254	13,490
Other	4,564	6,041	7,285	27,926	17,452	20,203	35,328	34,798	25,966	34,915
Total Pack	47,471	59,924	46,316	81,388	59,058	40,273	65,101	69,323	40,814	62,510

(a) Included with 10 lb. & less.

FROZEN BLACKBERRY PACKS IN THE U. S.

(All varieties except Olallie Berries)

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942 8,229	1947 14,510	1952 10,628	1957 19,157	1962 22,532	1967 20,722
1943 8,310	1948 9,745	1953 17,966	1958 13,604	1963 20,675	1968 22,381
1944 16,173	1949 15,186	1954 14,156	1959 15,770	1964 23,851	1969 27,184
1945 21,503	1950 8,973	1955 16,539	1960 26,970	1965 23,251	1970 29,186
1946 19,750	1951 14,574	1956 12,845	1961 22,562	1966 25,812	1971 27,536

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
SIZE CLASSIFICATION										
28 & 30 lb.	11,588	8,033	3,950	1,809	4,495	4,117	5,909	7,973	4,624	3,140
I.Q.F.	n.a.	4,406	4,541	1,054	3,635	6,714	5,365	4,452	4,777	2,261
Other	2,334	1,021	(a)	(a)	429	(a)	1,043	1,064	(a)	758
Barrels	15,264	14,076	12,673	5,386	12,548	10,061	10,457	9,863	10,178	8,664
Total Pack	29,186	27,536	21,164	8,249	21,107	20,892	22,774	23,352	19,579	14,823

(a) Included in B

FROZEN BLUEBERRY PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942 1,716	1947 5,407	1952 9,848	1957 24,446	1962 26,452	1967 31,828
1943 2,700	1948 7,661	1953 13,988	1958 15,982	1963 25,767	1968 27,750
1944 4,963	1949 14,036	1954 20,971	1959 16,393	1964 30,574	1969 37,663
1945 7,829	1950 10,900	1955 21,020	1960 25,230	1965 27,981	1970 21,836
1946 10,240	1951 13,921	1956 19,639	1961 21,990	1966 35,403	1971 30,441

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
BY REGION										
Northeast*	11,062	17,016	19,288	27,810	13,715	18,596	16,315	9,954	19,777	16,671
Midwest	9,145	12,464	10,689	15,478	9,366	4,615	8,685	3,567	6,560	12,854
West	1,629	961	955	1,088	1,312	1,361	1,261	1,229	1,655	1,960
SIZE CLASSIFICATION										
10 lb. & less	1,080	2,354	1,043	2,333	3,543	2,076	1,510	1,430	1,167	1,367
20 lb.	4,839	7.514	5,574	6,334	1,666	1,852	(a)	363	319	1,082
30 lb.	13,966	15,509	13,795	19,848	13,114	13,919	17,744	9,283	13,683	17,019
Other (over 10 lb)	1,454	3,253	2,404	5,429	3,370	2,694	2,870	1,944	2,404	655
I.Q.F.	n.a.	2,495	6,847	11,374	4,091	4,373	(b)	2,573	6,453	7,472
Barrels	497	(684)	1,269	(942)	(1,391)	(342)	4,137	(843)	3,966	3,890
Total Pack	21,836	30,441	30,932	44,376	24,393	24,572	26,261	14,750	27,992	31,485

(a) Included in 10 lb. & less. (b) Included in barrels. *Includes small southern pack.

FROZEN RED RASPBERRY PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942 14,206	1947 25,401	1952 18,365	1957 30,365	1962 27,631	1967 27,394
1943 14,608	1948 23,198	1953 24,895	1958 24,463	1963 31,441	1968 23,078
1944 13,117	1949 25,682	1954 23,502	1959 24,691	1964 25,335	1969 27,657
1945 13,255	1950 20,439	1955 25,730	1960 28,041	1965 27,631	1970 25,409
1946 23,905	1951 19,414	1956 9,184	1961 23,127	1966 31,575	1971 24,467

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
SIZE CLASSIFICATION										
Retail	10,609	9,276	5,662	8,156	5,403	7,394	4,805	5,165	4,042	4,051
Food Service	562	1,316	581	753	944	1,007	248	430	426	845
Bulk	14,238	13,875	14,242	17,716	13,976	16,265	15,788	17,627	15,274	14,715
Total Pack	25,409	24,467	20,485	26,625	20,323	24,666	20,841	23,222	19,742	19,611

FROZEN STRAWBERRY PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942 63,776	1947 ...109,036	1952 ...200,302	1957 ...259,262	1962 ...234,620	1967 ...213,340
1943 29,829	1948 ...160,077	1953 ...225,963	1958 ...261,529	1963 ...234,440	1968 ...213,275
1944 34,826	1949 ...107,600	1954 ...221,446	1959 ...248,227	1964 ...252,646	1969 ...178,693
1945 36,917	1950 ...192,732	1955 ...272,970	1960 ...217,477	1965 ...191,613	1970 ...201,572
1946 78,059	1951 ...157,729	1956 ...312,293	1961 ...222,694	1966 ...236,492	1971 ...199,399

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
BY REGION										
South & Midwest*	11,922	*9,932	*9,583	*8,538	*9,760	*4,739	*6,928	*6,904	6,944	6,698
Northwest	106,064	110,771	76,250	64,363	53,620	63,299	65,803	46,599	42,515	52,141
California	83,586	78,696	61,009	95,651	106,991	115,857	143,422	166,888	110,375	131,733
BY STYLE										
Whole	75,130	80,984	63,233	82,786	75,685	84,336	110,294	105,933	74,545	82,994
Sliced	126,442	118,415	83,609	85,766	94,686	99,559	105,859	114,458	85,289	107,578
Total	201,572	199,399	146,842	168,552	170,371	183,895	216,153	220,391	159,834	190,572
SIZE CLASSIFICATION†										
Retail	87,462	96,607	54,996	61,923	75,559	72,132	54,067	71,479	55,423	61,268
Food Service	26,823	18,143	13,442	16,101	14,517	18,827	19,485	22,054	14,330	23,766
Bulk	87,287	84,649	78,404	90,528	80,295	92,936	142,601	126,858	90,081	105,538
Total Pack	201,572	199,399	146,842	168,552	170,371	183,895	216,153	220,391	159,834	190,572

*Includes production in New York. †Beginning in 1973 10 lb. packages are classified Bulk - prior years classified Food Service.

FROZEN CONCENTRATED CITRUS JUICES

Source: Florida Canners Association and American Frozen Food Institute.

Thousands of Gallons Concentrated (Unreconstituted) Basis

Year	Orange	Grapefruit	Lemon	Grapefruit Orange	Lemonade	Tangerine	Limeade
1948-49	12,196	116	n.a.	112	n.a.	n.a.	n.a.
1949-50	25,137	1,665	91	1,336	1,702	n.a.	n.a.
1950-51	34,938	188	205	245	3,437	n.a.	n.a.
1951-52	47,743	1,098	317	536	5,751	349	n.a.
1952-53	51,264	1,226	574	480	8,628	551	n.a.
1953-54	66,978	1,677	1,316	965	9,845	443	n.a.
1954-55	65,481	1,155	908	561	8,268	877	992
1955-56	69,592	2,542	854	954	10,388	619	1,320
1956-57	72,455	2,949	1,691	597	10,031	793	684
1957-58	64,000	3,330	233*	507	11,850*	141	438
1958-59	79,981	4,952	2,216	690	12,807	1,152	885
1959-60	77,999	1,639	1,150*	284	14,750*	324	845
1960-61	84,374	3,841	93*	256	8,450*	1,407	728
1961-62	115,866	3,163	n.a.	267	n.a.	1,370	822
1962-63	51,648	2,323	n.a.	53	n.a.	205	546
1963-64	53,674	2,573	n.a.	130	n.a.	1,146	1,196
1964-65	88,869	4,000	n.a.	70	n.a.	1,154	656
1965-66	76,695	3,971	n.a.	50	n.a.	715	590
1966-67	131,755	5,485	n.a.	29	n.a.	1,120	503
1967-68	83,697	1,814	n.a.	10	n.a.	582	983
1968-69	103,750	5,920	n.a.	36	n.a.	1,051	852
1969-70	124,947	4,294	n.a.	16	n.a.	785	1,345
1970-71	125,187	6,870	n.a.	18	n.a.	1,090	1,648
1971-72	134,229	8,798	n.a.	22	n.a.	1,220	1,498
1972-73	176,073	8,658	n.a.	3	n.a.	1,072	936
1973-74	171,846	9,026	n.a.	11	n.a.	1,019	1,530
1974-75	178,174	7,847	n.a.	4	n.a.	1,147	1,921
1975-76	186,265	9,316	n.a.		n.a.	1,111	1,307
1976-77	158,035	11,258	n.a.	-	n.a.	926	1,272
1977-78	161,203	13,692	n.a.	-	n.a.	1,671	1,853
1978-79	173,053	14,243	n.a.	-	n.a.	1,367	2,624

*Trade estimate only - not verified. n.a.-not available. NOTE: Prior to 1965-66, production was reported on a 42° Brix basis; since then on a 45° Brix basis.

NON-CITRUS CONCENTRATES AND JUICES

Thousands of Gallons

1958 814	1963 4,136	1968 431	1973 2,518	1978 6,005
1959 1,911	1964 2,843	1969 1,661	1974 3,479	1979 5,340
1960 1,425	1965 749	1970 1,534	1975 4,389	
1961 1,625	1966 735	1971 2,088	1976 2,512	
1962 2,285	1967 603	1972 2,824	1977 3,003	

Processing Times • Temperatures • Procedures

Just a part of the hundreds of topics
Covered in

A COMPLETE COURSE IN CANNING

800 Pages 11th edition – $60.00 Tel. 301-467-3338

THE CANNING TRADE, INC.

2619 Maryland Ave. • Baltimore, Md. 21218 USA

1972 CENSUS REPORT

Source: U.S. Dept. of Commerce, Bureau of Census (issued 1975). Final 1977 report not available at press time of this Almanac, May 15, 1980. Preliminary 1977 figures added to selected tables.

GENERAL — Small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2032, these establishments accounted for approximately 2 percent of value of production; for industry 2033-4 percent of value of production; for industry 2034-3 percent of value of shipments; for industry 2035-7 percent of value of production; for industry 2037-1 percent of value of production; for industry 2038-7 percent of value of production; for industry 2091-2 percent of value of shipments; for industry 2092-3 percent of value of shipments.

CANNED FRUITS AND VEGETABLES, SIC 2033 — This industry comprises establishments primarily engaged in canning fruits, vegetables, and fruit and vegetable juices; and in manufacturing catsup and similar tomato sauces, preserves, jams, and jellies.

Value of production and other receipts of the Canned Fruits and Vegetables Industry in 1972 totaled $4,043.8 million. This included production of canned fruits and vegetables (primary products) valued at $3,495.7 million, production of other products (secondary products) valued at $424.1 million, and miscellaneous receipts (mainly resales of products bought and resold without further processing) of $124.0 million.

Production of canned fruits and vegetables (primary products) in 1972 represented 89 percent (specialization ratio) of the industry's total production (primary and secondary). The industry specialization ratio in 1967 was 90 percent. Secondary products produced by this industry in 1972 consisted mainly of canned specialties ($90.3 million) and frozen fruits and vegetables ($102.8 million).

Production of canned fruits and vegetables (primary products) by establishments classified in industry 2033 in 1972 represented 94 percent (coverage ratio) of these products valued at $3,922.9 million produced by all industries. In 1967, the coverage ratio was 93 percent. Other industries producing canned fruits and vegetables consisted mainly of industry 2032, Canned Specialties, ($166.5 million) and industry 2037, Frozen Fruits and Vegetables, ($119.2 million).

CANNED SPECIALTIES, SIC 2032 — This industry comprises establishments primarily engaged in canning specialty products such as baby foods, "native foods," health foods, and soups, except seafood.

The 1972 definition of this industry is the same as that used in the 1967 classification system. The SIC number and title are also the same. However, for 1972, canned baby food meat is now included in industry 2032.

Value of production and other receipts of the Canned Specialties Industry in 1972 totaled $1,876.6 million. This included production of canned specialties (primary products) valued at $1,475.2 million, production of other products (secondary products) valued at $354.4 million, and miscellaneous receipts (mainly resales of products bought and resold without further processing) of $47.0 million.

Production of canned specialties (primary products) in 1972 represented 81 percent (specialization ratio) of the industry's total production (primary and secondary). The industry specialization ratio in 1967 was 82 percent. Secondary products produced by this industry in 1972 consisted mainly of canned fruits and vegetables ($166.5 million) and pickles, sauces, and salad dressings ($28.6 million).

Production of canned specialties (primary products) by establishments classified in industry 2032 in 1972 represented 91 percent (coverage ratio) of these products valued at $1,629.9 million produced by all industries. In 1967, the coverage ratio was also 91 percent. Other industries producing canned specialties consisted mainly of industry 2033, Canned Fruits and Vegetables, at $90.3 million.

FROZEN FRUITS AND VEGETABLES SIC 2037 — This industry comprises establishments primarily engaged in freezing and coldpacking (freezing) fruits, fruit juices, and vegetables.

The 1972 definition of this industry has been revised from that used in the 1967 SIC manual. Although the SIC number is the same, a new title was assigned. In 1967, industry 2037 included frozen fruits, fruit juices, vegetables, and specialties. However, for 1972, industry 2037 no longer includes frozen specialties. The frozen specialty products have been moved to a new SIC number, industry 2038, Frozen Specialties.

Under the new SIC (1972 basis), only 209 establishments accounting for 42.9 thousand employees and $697.8 million value added remain in the new industry 2037, Frozen Fruits and Vegetables. The newly created industry 2038, Frozen Specialties, receives 435 establishments with 38.3 thousand total employment and $716.3 million value added.

Value of production and other receipts of the Frozen Fruits and Vegetables Industry in 1972 totaled $1,852.4 million. This included production of frozen fruits, fruit juices, and vegetables (primary products) valued at $1,502.2 million, production of other products (secondary products) valued at $245.4 million, and miscellaneous receipts (mainly resales of products bought and resold without further processing) of $104.8 million.

Production of frozen fruits, fruit juices, and vegetables (primary products) in 1972 represented 86 percent (specialization ratio) of the industry's total production (primary and secondary). Secondary products produced by this industry in 1972 consisted mainly of canned fruits and vegetables ($119.2 million), bottled and canned soft drinks ($21.7 million), and frozen specialties ($19.3 million).

Production of frozen fruits, fruit juices and vegetables (primary products) from establishments classified in industry 2037 in 1972 represented 91 percent (coverage ratio) of these products valued at $1,648.7 million produced by all industries. Other industries producing frozen fruits, fruit juices, and vegetables consisted mainly of industry 2033, Canned Fruits and Vegetables, ($102.8 million); and industry 2038, Frozen Specialties, ($14.9 million).

FROZEN SPECIALTIES SIC 2038 — This industry comprises establishments primarily engaged in freezing and coldpacking (freezing) food specialties, such as frozen dinners and frozen pizza.

The statistics for this industry as classified under the classification system followed in the 1967 census were split, as a result of the 1972 edition of the SIC manual, into two separate industries: Frozen Fruits and Vegetables (SIC 2037) and Frozen Specialties (SIC 2038).

Value of production and other receipts of the Frozen Specialties Industry in 1972 totaled $1,935.5 million. This included production of frozen specialties (primary products) valued at $1,602.8 million, production of other products (secondary products) valued at $103.3 million, and miscellaneous receipts (mainly resales of products bought and resold without further processing) of $229.4 million.

Production of frozen specialties (primary products) in 1972 represented 94 percent (specialization ratio) of the industry's total production (primary and secondary). Secondary products produced by this industry in 1972 consisted mainly of poultry and egg processing ($20 to $50 million), food preparations, n.e.c., ($19.1 million), and frozen fruits and vegetables ($14.9 million).

Production of frozen specialties (primary products) from establishments classified in industry 2038 in 1972 represented 92 percent (coverage ratio) of these products valued at $1,742.6 million produced by all industries. Other industries producing frozen specialties consisted mainly of industry 2032, Canned Specialties, ($20 to $50 million); industry 2051, Bread, Cake, and Related Products, ($28.2 million); and industry 2037, Frozen Fruits and Vegetables, ($19.3 million).

PICKLES, SAUCES, AND SALAD DRESSINGS SIC 2035 — This industry comprises establishments primarily engaged in pickling and brining fruits and vegetables and in manufacturing salad dressings, vegetable relishes, sauces, and seasonings.

Value of production and other receipts of the Pickles, Sauces, and Salad Dressings Industry in 1972 totaled $1,166.7 million. This included production of pickles, sauces, and salad dressings (primary products) valued at $906.9 million, production of other products (secondary products) valued at $227.0 million, and miscellaneous receipts (mainly resales of products bought and resold without further processing) of $32.8 million.

Production of pickled fruits and vegetables, sauces, and salad dressings (primary products) in 1972 represented 80 percent (specialization ratio) of the industry's total production (primary and secondary). The industry specialization ratio in 1967 was 81 percent. Secondary products produced by this industry in 1972 consisted mainly of shortening and cooking oils ($94.7 million) and food preparations, n.e.c., ($44.6 million).

Production of pickled fruits and vegetables, sauces, and salad dressings (primary products) by establishments classified in industry 2035 in 1972 represented 78 percent (coverage ratio) of these products valued at $1,165.1 million produced by all industries. In 1967, the coverage ratio was 80 percent. Other industries producing pickles, sauces, and salad dressings consisted mainly of industry 2033, Canned Fruits and Vegetables, ($53.9 million); and industry 2079, Shortening and Cooking Oils, ($34.9 million).

DEHYDRATED FRUITS, VEGETABLES, SOUPS SIC 2034 — This industry comprises establishments primarily engaged in sun-drying or artificially dehydrating fruits and vegetables or in manufacturing packaged soup mixes from dehydrated ingredients. Establishments he grading and marketing of farm dried fruits, such as prunes and raisins, are classified in industry 5149 (Groceries and Related Products, N.E.C.).

Value of shipments and other receipts of the Dehydrated Fruits, Vegetables, Soups Industry in 1972 totaled $607.3 million. This included shipments of dehydrated fruits, vegetables, and soup mixes (primary products) valued at $553.9 million, shipments of other products (secondary products) valued at $31.0 million, and miscellaneous receipts (mainly resales of products bought and resold without further processing) of $22.4 million.

Shipments of dehydrated fruits, vegetables, and soup mixes (primary products) in 1972 represented 95 percent (specialization ratio) of the industry's total product shipments (primary and secondary). The industry specialization ratio in 1967 was 94 percent.

Shipments of dehydrated fruits, vegetables, and soup mixes (primary products from establishments classified in industry 2034 in 1972 represented 88 percent (coverage ratio) of these products valued at $625.6 million shipped by all industries. In 1967, the coverage ratio was 86 percent. Other industries shipping dehydrated fruits, vegetables, and soup mixes consisted mainly of industry 2035, Pickles, Sauces, and Salad Dressings, ($20 to $50 million); and industry 2037, Frozen Fruits and Vegetables, ($14.1 million).

CANNED AND CURED SEAFOODS SIC 2091 — This industry comprises establishments primarily engaged in cooking and canning fish, shrimp, oysters, clams, crabs, and other seafood, including soups; and those engaged in smoking, salting, drying or otherwise curing fish for the trade.

The 1972 definition of this industry is the same as that used in the 1967 classification system. However, the SIC number has been changed from 2031.

Value of production and other receipts of the Canned and Cured Seafoods Industry in 1972 totaled $719.3 million. This included production of canned and cured seafoods (primary products), valued at $475.3 million, production of other products (secondary products) valued at $71.9 million, and miscellaneous receipts (mainly resales) of $172.1 million.

Production of canned and cured seafoods (primary products) in 1972 represented 87 percent (specialization ratio) of the industry's total production (primary and secondary). The industry specialization ratio in 1967 was 92 percent. Secondary products produced by this industry in 1972 consisted mainly of fresh or frozen packaged fish at $23.5 million.

Production of canned and cured seafoods (primary products) from establishments classified in industry 2091 in 1972 represented 92 percent (coverage ratio) of these products val-

ued at $518.3 million produced by all industries. In 1967, the coverage ratio was 95 percent. Other industries shipping canned and cured seafoods consisted mainly of industry 2032, Canned Specialities, at $21.3 million.

FRESH OR FROZEN PACKAGED FISH SIC 2092 — This industry comprises establishments primarily engaged in preparing fresh and raw or cooked frozen packaged fish and other seafoods, including soup. This industry also includes establishments primarily engaged in shucking and packing fresh oysters in nonsealed containers.

The 1972 definition of this industry is the same as that used in the 1967 classification system. However, the SIC number has been changed from 2036.

Value of production and other receipts of the Fresh or Frozen Packaged Fish Industry in 1972 totaled $1,061.6 million. This included production of fresh or frozen packaged fish (primary products), valued at $940.4 million, production of other products (secondary products) valued at $34.2 million, and miscellaneous receipts (mainly resales) of $87.0 million.

Production of fresh or frozen packaged fish (primary products) in 1972 represented 96 percent (specialization ratio) of the industry's total production (primary and secondary). The industry specialization ratio in 1967 was 97 percent. Secondary products produced by this industry in 1972 consisted mainly of canned and cured seafoods at $16.0 million.

Production of fresh or frozen packaged fish (primary products) from establishments classified in industry 2092 in 1972 represented 96 percent (coverage ratio) of these products valued at $978.3 million produced by all industries. In 1967, the coverage ratio was 94 percent. Other industries shipping fresh or frozen packaged fish consisted mainly of industry 2091, Canned and Cured Seafoods, at $23.5 million.

VALUE OF PRIMARY PRODUCTION OF SPECIFIED PRODUCTS BY ALL INDUSTRY*

(Source: Census Tables 5C for 1972; 5B for earlier years - millions of dollars)

Code	Product class	1954[2]	1958	1963	1965[1]	1966[1]	1967	1972	1977P
2032	**Canned specialties**	(NA)	**827.6**	**946.6**	**1,104.2**	**1,165.9**	**1,190.7**	**1,629.9**	**2,439.1**
20321	Canned baby foods (except meat)	148.7	185.2	230.8	245.6	237.5	246.3	[3]346.7	[3]401.3
20e23	Canned dry beans	131.1	166.9	200.3	245.8	256.9	246.1	305.8	556.5
20322	Canned soups (not frozen or seafood);								
20324	Canned specialties and								
20320	Nationality foods n.s.k.	(NA)	475.5	515.5	612.8	672.5	698.3	977.4	1,481.2
2033	**Canned fruits and veg.**	**1,646.0**	**2,191.5**	**2,583.8**	**2,797.7**	**3,022.1**	**3,222.3**	**3,922.9**	**6,614.3**
20331	Canned fruits (except baby foods)	467.9	639.7	721.7	767.8	823.8	818.3	828.6	1,289.3
20332	Canned veg. (except hominy and mushrooms)	559.7	638.6	767.6	827.2	882.8	957.5	1,067.1	1,651.0
20333	Canned hominy and mushrooms	24.5	34.8	39.0	42.1	43.5	51.6	98.2	149.8
20334	Canned fruit juices, nectars, and concentrates	196.1	294.2	380.5	397.4	443.6	413.5	709.2	1,224.8
20335	Canned veg. juices	64.5	93.3	91.1	97.5	94.8	104.2	155.7	251.2
20336	Catsup and other tomato sauces	155.7	245.6	297.9	391.1	449.8	507.7	603.3	1,344.8
20338	Jams, jellies, and preserves	160.0	197.9	227.3	236.7	250.9	245.2	280.3	391.5
20330	Canned fruits and veg., n.s.k.	17.6	47.4	58.5	(37.9)	(32.8)	124.3	180.5	311.9
2034	**Dehydrated fruits, veg., and soup mixes[2]**	**185.5**	**276.8**	**334.9**	**394.7**	**434.6**	**450.9**	**625.6**	**1,000.7**
20341	Dried fruits and veg., except soup[3]	(NA)	(NA)	284.5	328.0	365.6	344.9	466.2	698.3
20342	Soup mixes, dried[2]	(NA)	(NA)	44.5	51.2	64.1	76.4	126.7	224.6
20340	Dehydrated food products, n.s.k.[3]	(NA)	(NA)	5.9	(5.4)	(4.9)	29.6	32.7	77.8
2035	**Pickles, sauces, & salad dr.**	**402.8**	**496.1**	**619.0**	**702.1**	**767.7**	**792.9**	**1,165.1**	**2,239.9**
20352	Pickles and other pickled products	135.6	170.1	228.1	238.4	261.0	260.6	362.5	553.0
20353	Meat sauces (except tomato)	56.9	67.6	94.4	107.4	111.4	98.5	151.3	260.6
20354	Mayonnaise, salad dressings and sandwich spreads	201.7	240.5	278.6	348.4	386.9	373.9	576.0	1,292.2
20350	Pickles, sauces, and salad dressings, n.s.k.	8.6	17.9	(18.0)	(8.0)	(8.3)	59.9	75.3	134.1
2091	**Canned and cured seafood, soup (not frozen)**	**277.6**	**367.0**	**384.4**	**418.6**	**470.3**	**421.1**	**587.7**	**1,010.4**
2092	**Fresh or frozen packaged fish**	**158.0**	**274.1**	**362.8**	**429.0**	**445.1**	**529.7**	**978.3**	**1,978.2**
20923	Frozen packaged fish excluding shellfish	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	280.1	679.3
20920	Fresh or Frozen packaged fish, n.s.k.	0.5	12.5	19.2	13.7	(11.7)	85.0	150.1	286.9
20924	Frozen packaged shellfish & other seafood incl soup	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	411.9	806.4
2037	**Frozen fruits, veg. & specialties**	**551.6**	**916.3**	**1,460.8**	**1,709.1**	**1,842.2**	**2,020.7**	**[4]1,648.7**	**2,762.8**
20371	Frozen fruits, juices, & ades	256.5	358.0	436.3	413.8	421.4	419.5	733.6	971.3
20372	Frozen veg.	168.2	231.2	396.0	511.7	564.8	579.9	915.1	971.3
2038	**Frozen Specialties**	**120.3**	**318.8**	**608.1**	**765.0**	**837.5**	**947.5**	**1,743.1**	**1,791.5**
20381	Frozen pies & other baked goods	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	768.8	2,814.1
20382	Frozen dinners, beef, pork, poultry pies & nationality foods	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	702.5	1,213.8
20383	Other frozen specialties	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	492.5	692.9
20380	Frozen fruits, veg. spec., n.s.k.	6.6	8.6	20.5	(18.6)	(18.6)	131.9	160.6	138.6

(NA) Not available. [1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual

*Represents value of specific products packed not only by plants classified in the specific industry but by plants classified in other industries as well. (NA) Not available. [1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufacturers. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data. [2]Excludes data for Alaska and Hawaii. [3]Value of shipments. [4]In 1947, unfinished pickles were excluded from product class 20353 and included in product class 20350. [5]Includes meat. [6]Fruits & Veg. only. P-Preliminary.

GENERAL STATISTICS BY INDUSTRY—1958-1977—Table 1 CENSUS REPORTS

	Establishments		All Employees		Production Workers			Value added by manufacture	Cost of materials, fuels, etc.	Value of industry prod.*	Capital expenditures, new
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages				
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2032 Canned Specialties											
U.S. Total 1958	107	69	24.2	109.5	19.5	41.6	81.4	340.8	507.0	846.9	16.5
U.S. Total 1963	173	77	25.2	127.2	20.4	40.7	92.3	540.8	627.5	1,169.3	25.6
U.S. Total 1967	175	83	27.2	157.3	22.4	45.0	115.1	602.1	760.5	1,361.9	28.1
U.S. Total 1972	203	88	29.1	217.8	24.0	46.9	167.0	814.6	1,062.3	1,876.6	44.1
U.S. Total 1977P	**203**	**88**	**26.4**	**296.5**	**21.5**	**42.4**	**224.3**	**1,142.6**	**1,687.8**	**2,829.2**	**46.7**
2033 Canned Fruits and Vegetables											
U.S. Total 1958	1,630	923	108.4	340.3	95.8	180.4	269.9	849.9	1,485.6	2,333.9	43.7
U.S. Total 1963	1,430	836	102.4	382.1	90.7	168.2	303.5	1,029.5	1,707.3	2,742.8	66.6
U.S. Total 1967	1,223	732	100.1	473.8	88.9	174.0	376.0	1,413.3	2,065.4	3,467.8	101.9
U.S. Total 1972	1,038	621	89.8	559.9	78.8	147.1	447.9	1,625.1	2,414.8	4,043.8	113.1
U.S. Total 1977P	**903**	**522**	**83.1**	**795.4**	**72.5**	**136.0**	**640.8**	**2,598.7**	**4,197.6**	**6,781.4**	**151.8**
2034 Dehydrated Fruits, Vegetables and Soups											
U.S. Total 1958	161	67	7.6	28.3	6.6	12.8	21.8	75.5	188.2	273.3	6.7
U.S. Total 1963	176	80	9.2	41.7	7.8	15.3	31.2	115.8	208.9	318.7	16.2
U.S. Total 1967	178	81	11.1	58.0	9.4	18.1	44.0	167.7	255.2	420.8	14.6
U.S. Total 1972	178	88	12.4	84.3	10.6	19.8	63.0	235.7	351.7	607.3	18.9
U.S. Total 1977P	**185**	**87**	**14.1**	**150.0**	**11.3**	**21.4**	**108.1**	**472.2**	**605.0**	**1,072.0**	**51.9**
2035 Pickles, Sauces, Salad Dressings											
U.S. Total 1958	619	205	19.5	70.5	15.6	29.8	48.5	164.6	361.5	525.3	11.2
U.S. Total 1963	588	184	19.0	83.7	15.4	29.9	58.3	249.4	427.6	677.3	11.0
U.S. Total 1967	527	182	19.8	100.5	16.2	31.7	72.0	295.5	526.6	818.9	14.9
U.S. Total 1972	495	191	20.8	146.2	16.6	32.4	102.2	428.0	738.7	1,166.7	43.4
U.S. Total 1977P	**436**	**167**	**23.3**	**247.3**	**18.7**	**35.0**	**182.6**	**1,036.7**	**1,874.0**	**2,908.6**	**48.1**
2037 Frozen Fruits and Vegetables											
U.S. Total 1972	209	191	42.8	261.2	37.6	74.5	208.8	694.6	1,150.4	1,848.8	57.8
U.S. Total 1977P	**266**	**197**	**47.2**	**431.6**	**41.7**	**79.5**	**348.8**	**1,321.3**	**2,008.5**	**3,332.5**	**89.1**
2038 Frozen Specialties											
U.S. Total 1972	435	211	38.3	264.1	31.8	61.5	190.1	716.3	1,221.3	1,935.5	81.0
U.S. Total 1977P	**391**	**205**	**39.6**	**405.8**	**31.6**	**61.6**	**281.0**	**1,187.9**	**2,154.3**	**3,344.3**	**83.9**
2091 Canned and Cured Seafoods											
U.S. Total 1958	411	210	17.1	58.1	15.4	25.1	47.5	130.6	258.1	388.6	3.5
U.S. Total 1963	405	196	17.3	66.2	15.5	25.5	52.6	174.6	277.8	452.5	6.3
U.S. Total 1967	320	161	15.8	69.1	14.0	23.6	54.8	181.0	342.0	523.1	9.4
U.S. Total 1972[1]	308	137	16.0	99.0	14.0	24.0	75.0	231.4	580.6	809.8	15.5
U.S. Total 1977P	**240**	**117**	**15.9**	**146.0**	**13.7**	**24.8**	**112.6**	**436.9**	**993.4**	**1,428.6**	**27.9**
2092 Fresh or Frozen Packaged Fish											
U.S. Total 1958	446	226	17.6	41.4	15.6	26.2	32.3	83.5	226.9	310.1	3.7
U.S. Total 1963	547	255	20.1	56.5	17.9	32.1	44.6	118.5	272.7	391.2	6.1
U.S. Total 1967	497	241	21.4	77.2	19.4	32.8	60.0	164.9	393.8	557.4	8.7
U.S. Total 1972[1]	518	256	25.0	129.6	21.8	37.7	93.8	287.5	798.1	1,084.4	17.8
U.S. Total 1977	**610**	**304**	**27.7**	**214.1**	**24.1**	**40.1**	**155.4**	**574.7**	**1,588.7**	**2,159.4**	**48.1**

P—Preliminary [1]revised. *Reflects value not only of primary activities of the establishments, which determine their industry classification, but also all secondary activities performed in the same establishments.

GOVERNMENT PURCHASES—SPECIFIED CANNED FOODS

MILITARY

(Source: Defense Personnel Support Center, Defense Supply Agency)

PACK YEAR	*1972	*1973	1973	1974	1975	1976	1977	1978	1979
CANNED VEGETABLES—Thousands of Cases, Equiv. 24/303									
Asparagus	102.5	15.9	1.8	61.7	49.1	8.3	.....	65.5	19.1
Beans, Gr. and Wax.	614.1	622.4	620.2	529.1	312.5	242.3	338.7	370.6	367.0
Beans, Lima	148.5	88.4	29.7	105.4	101.1	44.6	82.5	85.7	74.8
Bean Sprouts	65.4	13.7	72.7	101.0	11.5	11.3	55.9	27.9	51.9
Beets	304.1	8.1	.....	211.4	53.8	75.1	98.2	152.4	191.0
Carrots	170.1	85.4	135.2	162.8	18.1	68.8	129.9	118.5	125.0
Catsup	680.9	n.a.	238.6	710.8	601.8	252.8	384.9	424.5	442.4
Chili Sauce	49.9	n.a.	39.3	32.2	34.9	46.4	21.2	36.3	28.2
Corn	618.7	581.5	321.3	768.7	305.4	167.8	441.7	421.6	465.1
Mushrooms	64.0	81.6	66.7	36.4	106.9	84.1	70.4	83.7	83.8
Peas	439.0	335.5	116.8	536.7	170.6	136.2	164.8	112.0	211.3
Pimientos	28.1	n.a.	.....	.....	20.9	34.1	13.1	31.7	38.8
Potatoes, Sweet	164.1	80.1	257.6	201.1	125.9	90.7	99.8	136.9	107.1
Pumpkin & Squash	48.3	27.6	6.8	37.2	23.6	19.6	.....	16.0	17.0
Sauerkraut	138.0	111.3	92.0	114.8	20.7	53.0	88.2	30.9	52.0
Spinach	116.7	105.4	143.1	48.3	87.7	37.0	68.6	51.7	101.6
Tomatoes	1,312.3	623.9	1,022.5	592.3	852.5	349.1	793.7	518.2	518.4
Tomato Paste	299.0	1.2	19.6	185.4	164.8	15.8	66.1	115.1	89.2
Total these items	5,363.7	2,782.0	3,183.9	4,435.3	3,061.9	1,737.0	††3,109.8	2,799.4	2,983.9

††Includes 128.5 of kidney beans and 63.6 of blackeye peas, not itemized above.

CANNED FRUITS—Thousands of Cases, Equiv. 24/2½									
Apples	83.0	54.0	66.0	61.7	10.6	37.7	44.5	65.3	37.6
Applesauce	188.2	108.6	156.8	118.0	31.1	55.6	57.9	80.3	86.3
Apricots	128.6	170.6	53.7	11.0	65.9	32.5	41.4	43.8	57.8
Blackberries	16.8	15.7	.....	7.2	12.5	1.9	2.1	.....	.....
Blueberries	6.1	2.9	.....	.....	.....	.8	.....	.....	.....
Cherries, RSP	65.2	30.7	.....	43.7	50.2	.....	.....	.....	30.6
Cherries, Sweet	42.0	13.5	18.1	31.6	23.8	2.4	9.4	15.0	11.6
Cranberry sauce	86.8	30.4	63.9	46.1	26.4	59.4	61.3	63.0	39.2
Figs	.....	.....	5.6	8.4	1.6	5.3	4.1	2.2	1.2
Fruit Cocktail	286.5	173.5	160.2	231.9	199.7	144.6	126.8	181.0	124.0
Grapefruit	83.0	27.8	66.4	12.2	8.5	37.8	23.1	54.4	19.7
Olives	27.5	n.a.	.....	.....	.....	.....	10.4	68.3	37.4
Peaches	499.3	168.3	97.4	361.8	283.4	77.8	179.4	96.2	251.5
Pears	269.3	206.1	168.6	233.5	65.3	108.3	101.5	121.1	119.6
Pineapple	141.1	278.9	.....	139.7	145.0	272.3	.....	115.1	134.1
Plums (all)	102.8	2.1	28.4	23.8	7.0	14.2	21.3	18.4	13.9
Prunes	.....	.....	.....	.....	.....	.....	3.8	1.0	1.0
Total these items	2,026.2	1,282.5	885.1	1,330.6	930.9	850.6	**698.1	925.0	965.6

**Includes 11.1 of raisins not itemized above.

CANNED JUICES—Thousands of Cases, Equiv. 24/2									
Apple Juice	359.5	288.0	301.6	321.7	108.5	227.1	215.7	138.7	231.3
Grape Juice	19.1	59.8	58.4	43.7	62.3	66.3	72.2	88.5	50.0
Grapefruit Juice	244.4	106.5	124.3	106.7	123.9	90.4	80.6	96.3	135.4
Grapefruit & Orange	63.7	114.2	.....	46.6	28.1	25.7	32.7	29.9	32.7
Orange Juice	307.7	664.4	351.6	172.8	188.2	100.4	92.5	163.8	156.9
Pineapple Juice	159.0	564.0	159.5	272.8	130.4	26.7	148.2	169.4	258.7
Tomato Juice†	442.2	723.4	274.1	466.4	219.8	24.0	64.7	167.5	151.5
Tomato Juice conc.	209.2	n.a.	79.7	161.8	190.8	.....	93.6	92.2	77.7
Total these items	1,804.8	2,520.3	1,349.2	1,592.5	1,052.1	560.6	800.2	946.3	1,094.3

*Fiscal year. †Includes Vegetable Juice Cocktail.

VETERANS ADMINISTRATION

(Source: Marketing Division for Subsistence, Veterans Admn.)

FISCAL YEAR	1971	1972	1973	1974	1975	1976	1977	1978	1979	*1980
CANNED VEGETABLES—Thousands of Cases, Equiv. 24/303										
Asparagus	59.8	39.3	27.1	25.3	21.4	30.5	21.8	34.3	25.9	26.1
Beans, Gr. and Wax	82.3	87.1	46.4	31.0	45.7	67.0	49.9	76.8	105.2	100.1
Beans, Kidney	11.3	7.5	8.8	9.4	7.1	8.4	15.9	7.6	18.8	9.7
Beans, Lima	15.6	9.7	9.7	10.0	8.3	9.9	9.0	16.8	19.4	18.8
Bean, Sprouts	3.2	2.8	3.0	2.4	2.6	1.8	2.3	2.4	3.8	3.2
Beets	53.8	35.3	37.9	27.6	28.4	40.9	85.9	29.4	46.9	39.5
Carrots	40.0	15.9	11.9	15.6	11.1	22.6	12.3	19.4	18.2	18.1
Catsup	21.1	7.6	13.2	6.7	12.3	14.8	16.1	26.7	8.1	16.2
Chili Sauce	6.5	2.2	2.9	4.6	5.7	4.7	3.2	4.4	3.3	4.3
Corn	56.7	20.0	25.7	22.1	21.7	70.7	27.8	29.3	57.0	41.6
Peas	98.9	45.4	36.2	39.0	39.4	65.5	37.5	33.5	64.8	61.1
Pimientos	2.0	2.2	1.6	....	.....	.....	1.5	.....	.1	1.1
Potatoes, Sweet	22.1	20.8	25.0	24.4	20.6	22.3	43.8	29.7	32.6	40.5
Pumpkin & Squash	4.2	1.3	1.4	....	.....	.....	.....	.....	.....	.....
Sauerkraut	17.8	12.6	11.5	10.6	8.4	11.4	10.8	16.5	12.6	13.5
Spinach	19.4	4.8	3.6	1.0	.....	.....	.....	16.2	22.9	21.6
Tomatoes	84.0	103.1	(a)16.1	39.3	68.7	52.9	91.8	66.3	35.0	66.9
Tomato Paste	4.9	2.7	3.4	....	4.4	6.6	2.7	.....	6.8	5.4
Tomato Puree	36.6	28.2	27.8	24.1	32.1	29.9	43.7	39.7	35.7	37.8
Total Above	640.3	448.5	313.2	293.0	337.9	459.9	476.0	449.0	517.0	525.5
CANNED FRUITS—Thousands of Cases, Equiv. 24/2½										
Apples	13.8	6.8	8.2	....	11.6	4.7	6.3	11.8	6.9	6.9
Applesauce	24.3	17.8	22.7	17.9	17.7	21.5	19.9	13.5	22.4	26.2
Apricots	25.2	18.2	17.9	61.0	20.4	32.2	16.4	26.2	22.7	21.9
Blackberries	2.8	.7	.9	....	1.6	.1	.....	.....	.....	.....
Blueberries	2.8	1.9	1.9	2.2	2.1	2.1	.....	.....	.....	.....
Cherries, RSP	6.4	4.3	3.1	2.4	4.7	3.9	4.1	2.2	6.1	5.4
Cherries, Sweet	3.7	10.4	5.4	8.3	7.5	7.3	7.1	7.2	11.8	10.3
Cranberry Sauce	3.7	2.4	2.5	2.0	3.1	1.9	2.2	2.5	2.8	2.5
Figs	8.6	4.4	4.2	3.0	4.5	3.5	3.3	4.0	6.8	5.6
Fruit Cocktail	29.3	18.5	23.5	20.5	25.3	24.1	20.6	28.3	32.0	33.6
Grapefruit	13.9	8.2	7.2	3.5	8.9	6.9	5.2	7.8	5.0	4.8
Grapes	1.8	.7	1.2	1.8	.....	.....	1.5	.7	1.8	1.5
Olives	.9	2.5	1.8	.6	.8	.5	.2	1.9	1.6	1.8
Peaches	61.9	43.0	38.5	25.8	51.1	30.0	36.9	35.8	47.4	49.7
Pears	46.8	32.6	31.6	33.7	39.0	34.6	46.5	35.5	22.0	35.5
Pineapple	54.0	15.0	21.3	....	.....	23.9	4.3	10.1	32.6	30.0
Plums (all)	17.8	6.5	8.7	6.9	8.2	8.5	6.3	9.1	12.9	10.5
Total Above	317.7	193.7	200.6	189.6	206.5	205.7	180.8	196.6	234.9	246.3
CANNED JUICES—Thousands of Cases, Equiv. 24/2										
Apple Juice	45.4	16.2	54.4	43.0	43.7	47.1	33.2	49.9	34.1	37.5
Cranberry Ju. Cocktail	20.4	25.3	36.9	22.2	41.9	36.9	35.9	51.4	40.1	42.0
Grape Juice	26.5	12.3	9.9	18.8	14.0	13.1	15.4	13.2	17.9	15.7
Grapefruit Juice	76.9	20.0	39.9	30.2	40.7	33.5	21.4	36.2	11.0	22.4
Grapefruit & Orange	37.8	28.6	28.9	24.3	28.6	33.0	18.7	28.7	14.7	15.7
Orange Juice	22.7	16.2	24.2	15.5	30.6	28.7	22.8	32.5	25.5	35.8
Pineapple Juice	104.6	39.3	43.6	12.6	.....	39.2	14.5	26.9	32.5	32.1
Prune Juice	32.8	23.9	29.6	29.0	26.0	26.6	23.0	29.3	24.9	29.2
Tomato Juice†	60.2	39.0	20.2	42.2	47.8	34.6	38.0	33.1	49.3	45.0
Tomato Juice conc.	2.5	6.0	1.7	....	.....	.....	.....	.....	.....	.....
Total Above	242.8	226.9	289.3	238.0	273.3	292.7	222.9	301.2	250.7	275.3

†Includes Vegetable Juice. (a) Does not include quantities of dietetic-sodium restricted tomatoes. Figures not available. *Estimated requirements

CHILD NUTRITION PROGRAM*

(Source: Fruit & Vegetable Quality Division, Food Safety and Quality Service, U.S.D.A.)

FISCAL YEAR	1971	1972	1973	1974	1975	1976	1977	1978	1979	**1980
CANNED VEGETABLES—Thousands of Cases, Equiv. 24/303										
Beans Gr. & Wax	778.6	729.0	.....	246.6	584.5	901.7	1,144.0	969.4	.....	1,208.2
Beans, Veg.	.....	.....	.....	.....	.....	.....	.....	798.3	1,489.8	1,172.6
Beans, Other[1] ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	670.0
Corn	647.3	729.0	581.4	.....	.....	544.8	1,580.6	1,695.7	948.0	2,031.5
Peas.....	729.0	542.4	68.9	.....	.....	302.9	691.4	869.6	766.3	816.2
Potatoes, sweet ..	810.6	702.0	†149.8	†295.7	†502.4	†738.4	†723.5	†330.2	†780.8	†870.3
Tomatoes	1,218.9	1,291.8	1,405.6	873.2	.....	345.7	534.6	1,860.4	1,486.2	2,131.3
Tomato Catsup ..	.....	.....	.....	.....	.....	.....	.....	1,229	509.7	1,232.6
Tomato Paste ...	.....	.....	14.6	.....	.....	673.6	613.0	1,026.4	1,119.1	1,464.8
Total	4,184.4	3,994.2	2,220.3	1,415.5	1,086.9	3,507.1	5,287.1	8,779.6	7,099.9	11,597.5
CANNED FRUITS—Thousands of Cases, Equiv. 24/2½										
Applesauce	920.7	1,347.9	388.1	.....	651.7	1,386.4	.....	815.7	1,398.6	1,224.3
Apricots	470.1	589.5	.....	.....	.....	93.1	226.7	115.4	.....	.....
Cranberry Sauce	.....	.....	.....	479.7	275.3	374.4	388.6	315.7	214.5	.....
Fruit Cocktail ...	.....	.....	224.0	.....	.....	.....	396.7	.....	.....	.....
Grapefruit	350.8	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mixed Fruit	.....	.....	.....	.....	.....	.....	.....	439.2	.....	.....
Peaches	1,009.5	922.9	847.6	36.4	767.8	840.0	1,576.8	2,131.3	657.8	787.3
Pears.....	.....	594.5	103.2	330.5	.....	759.0	1,246.8	1,151.7	.....	900.7
Pineapple	443.8	460.4	589.1	92.1	.....	.....	.....	479.7	647.6	.....
Plums	.....	149.0	.....	187.9	.....	.....	305.6	.....	204.4	46.6
Total	3,194.9	4,064.2	2,152.0	1,126.6	1,694.8	3,452.9	4,141.2	5,448.7	3,122.9	2,958.9
CANNED JUICES—Thousands of Cases, Equiv. 24/2										
Apple	.....	.....	.....	.....	.....	.....	.....	118.4	912.2	871.9
Orange	.....	.....	.....	.....	.....	75.6	.....	231.8	.....	.....
Tomato	.....	.....	.....	.....	.....	.....	.....	168.8	279.7	481.3
Total	.....	.....	.....	.....	.....	75.6	.....	519.0	1,191.9	1,353.2

*Beginning 1976 includes small quantities utilized in elderly feeding programs. **7/1/79 thru 3/30/80.
†Includes dehydrated sweet potatoes 1973 - 25.0; 1974 - 34.8; 1975 - 52.1; 1976 - 43.4; 1978 - 13.0; 1979 - 21.7; 1980 - 43.4. [1]Pinto, small red, blackeyes.

DOMESTIC FEEDING PROGRAMS*

(Source: Fruit & Vegetable Division, Food Safety and Quality Service, U.S.D.A.)

FISCAL YEAR	1971	1972	1973	1974	1975	1976	1977	1978	1979	**1980
CANNED VEGETABLES—Thousands of Cases, Equiv. 24/303										
Beans, Gr.....	520.8	478.8	33.6	268.8	383.0	148.4	39.2	14.0	81.2	58.8
Beans, Veg.	.....	.....	.....	.....	.....	.....	.....	58.8	72.8	33.6
Corn	400.4	445.2	263.2	64.4	.....	56.0	58.8	78.4	170.8	56.0
Peas.....	302.4	397.6	319.2	25.2	.....	68.6	67.2	44.8	28.0	42.0
Potatoes, Sweet .	366.8	.....	.....	.....	.....	.....	.....	.....	.....	33.6
Tomatoes.....	481.6	434.0	414.4	123.2	.....	.....	56.0	75.6	95.2	33.6
Total	2,072.0	1,755.6	1,030.4	481.6	383.0	273.0	221.2	271.6	448.0	[1]257.6
CANNED FRUITS—Thousands of Cases Equiv. 24/2½										
Peaches	.....	131.4	.....	.....	65.4	.....	.....	24.0	26.0	48.1
Pears.....	.....	117.0	235.6	.....	.....	.....	.....	9.3	33.3	44.4
Pineapple	.....	.....	.....	.....	.....	.....	.....	.....	38.9	30.6
Other	205.2	.....	112.1	154.2	.....	90.7	.....	9.6	.....	40.9
Total	205.2	248.4	347.7	154.2	65.4	90.7	.....	42.9	98.2	164.0
CANNED JUICES—Thousands of Cases Equiv. 24/2										
Apple Juice	1,118.9	1,762.2	.....	.....	141.1	325.1	.....	156.2	123.5	90.7
Fruit nectar	.....	421.5	.....	209.2	.....	.....	.....	.....	.....	.....
Grape Juice	.....	483.8	.....	.....	.....	.....	.....	.....	.....	.....
Grapefruit Juice .	.....	.....	.....	2,560.3	385.6	126.0	126.0	.....	.....	60.5
Orange Juice	2,179.5	.....	1,055.9	514.1	151.2	100.8	453.6	375.5	572.0	121.0
Pineapple Juice ..	.....	957.6	.....	.....	.....	.....	.....	.....	80.7	110.9
Tomato Juice† ...	1,205.3	1,015.9	887.0	.....	.....	.....	.....	.....	47.9	80.6
Total	4,503.7	4,641.0	1,942.9	3,283.6	677.9	551.9	579.6	531.7	824.1	463.7

*Prior to 1976 "Needy Families". **7/1/79 thru 3/30/80. †Includes Vegetable Juice Cocktail.
[1]Excludes carrots - 44.8 and spinach 11.2.

GOVERNMENT PURCHASES—SPECIFIED FROZEN FOODS†

MILITARY

Thousands of Pounds

CALENDAR	1973	1974	1975	1976	1977	1978	1979
Asparagus	1,540.1	759.0	1,442.1	1,093.0	1,119.0	1,299.0	1,112.0
Beans, Green & Wax	5,379.2	3,391.7	3,735.8	3,078.5	3,193.0	3,526.03,34	3,341.0
Beans, Lima	2,693.6	10,703.2	235.3	1,770.0	1,549.0	1,024.0	1,326.0
Broccoli	4,328.3	3,238.5	3,687.3	3,363.0	3,226.0	3,055.0	3,509.0
Brussel Sprouts	2,920.7	2,279.6	2,508.1	2,166.5	1,046.0	1,080.0	1,936.0
Carrots	.....	288.1	470.6	107.0	654.0	479.0	572.0
Cauliflower	3,231.7	2,813.5	796.6	2,505.0	1,938.0	1,452.0	2,381.0
Corn	6,766.3	6,137.9	7,080.3	4,676.5	5,988.0	6,988.0	5,952.0
Greens	2,036.9	1,792.4	1,616.4	1,143.0	1,385.0	856.0	1,382.0
Okra	245.9	223.6	262.2	48.3	112.0	144.0	170.0
Onion Rings	503.5	623.5	811.0	319.0	755.0	715.0	1,104.0
Peas	5,397.5	4,872.3	5,101.0	3,027.4	2,773.0	2,887.0	2,682.0
Peas & Carrots	.....	.....	.....	.....	1,234.0	1,100.0	1,175.0
Peppers, Sweet	15.2	94.6	93.0	17.5	1.0	2.0	40.0
Potatoes, Diced	.....	.....	.....	.....	.....	412.0	417.0
Potatoes, French fried	27,148.1	26,541.9	32,712.9	24,712.3	33,102.0	39,712.0	28,186.0
Potatoes, Shoestring	.....	.....	.....	.....	.....	2,361.0	3,533.0
Potatoes, Shredded	.....	.....	.....	.....	.....	2,272.0	4,684.0
Spinach	2,681.6	2,051.6	2,365.0	1,608.5	1,524.0	1,756.0	1,705.0
Squash	2,442.6	2,491.6	2,775.7	978.0	512.0	812.0	712.0
Succotash	.....	.....	.....	.....	982.0	1,084.0	1,235.0
Vegetables, Mixed	4,376.3	4,132.2	4,354.9	3,682.0	3,270.0	4,284.0	3,206.0
Total Above	71,707.8	72,147.1	70,048.2	54,295.5	64,443.0	77,318.0	70,360.0
Blueberries	734.4	519.0	378.7	191.0	99.0	266.0	307.0
Boysenberries	64.5	120.0	14.9	.....	.....	.....	.....
Cherries	1,459.2	120.4	880.2	.....	.....	71.0	.....
Peaches	287.5	376.0	1,096.8	34.5	642.0	470.0	417.0
Raspberries	375.1	.....	68.4	32.0	.....	.....	.....
Strawberries	5,981.4	2,708.1	2,648.2	1,182.0	1,910.0	1,344.0	2,242.0
Total Above	8,902.1	3,843.5	5,087.1	1,439.5	2,651.0	2,151.0	2,966.0
Grape Juice	3,981.9	1,901.3	2,180.1	961.8	1,601.6	1,203.5	1,666.4
Grapefruit Juice	1,253.7	1,189.6	1,028.0	317.4	382.9	193.1	368.2
Lemon Juice	631.2	410.9	355.5	176.0	118.8	101.0	108.0
Lime Juice	196.2	54.4	55.1	42.0	.....	.....	.....
Orange Juice	9,217.8	8,278.2	7,542.2	5,444.2	5,701.2	5,328.2	6,405.0
Total Above	15,280.7	11,834.4	11,160.9	6,941.4	7,804.5	6,825.8	8,547.8

VETERANS*

Thousands of Pounds

FISCAL	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Asparagus	74.8	63.0	31.9	72.3	2.1	34.8	.....	.....	.....	
Beans, Gr. & Wax	199.5	367.0	443.7	367.3	407.4	458.9	422.1	288.5	229.9	
Beans, Lima	140.2	149.0	180.7	133.8	153.2	155.7	127.5	80.4	45.6	
Broccoli	.....	.....	14.6	21.6	22.2	54.0	81.7	90.6	30.8	
Brussel Sprouts	86.5	125.0	127.8	97.4	121.5	138.2	96.0	168.0	65.9	
Carrots	.....	.....	.....	28.8	26.8	52.5	59.3	60.2	22.4	
Cauliflower	117.2	199.0	163.0	137.6	169.7	165.1	140.9	202.5	74.4	
Corn	37.8	83.0	79.4	51.0	79.2	84.8	78.4	64.0	39.8	
Greens	.....	.....	9.2	10.0	21.2	40.0	155.9	88.6	46.2	
Okra	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Peas	193.9	179.0	446.6	328.2	393.8	334.8	454.8	243.9	146.4	
Potatoes	.....	257.0	280.3	259.8	312.9	295.6	343.8	340.2	134.1	
Spinach	328.5	355.0	447.2	309.0	404.9	387.9	683.9	310.5	112.5	
Squash	133.6	216.0	228.1	171.4	197.5	163.6	221.3	220.6	59.1	
Veg., Mixed	105.5	173.0	136.9	170.8	191.4	163.2	187.5	109.0	78.4	
Total Above	1,417.5	2,166.0	2,589.4	2,130.2	2,503.9	2,529.1	3,053.1	2,267.0	1,085.5	
Apples	26.0	48.0	36.0	35.0	32.7	15.2	20.1	.....	.....	
Blueberries	30.6	18.0	43.5	33.0	15.8	17.7	27.3	.....	.....	
Cherries	.....	40.0	39.0	42.9	10.0	.....	.....	.....	.....	
Peaches	22.8	67.0	47.8	46.4	53.2	37.1	45.2	52.4	12.6	
Rhubarb	.....	35.0	21.4	24.0	35.3	16.2	7.7	.....	.....	
Strawberries	.....	79.0	93.0	80.7	83.6	78.5	72.8	106.2	29.8	
Total Above	79.4	287.0	280.7	262.0	230.6	164.8	173.1	158.6	42.4	

PURCHASES DISCONTINUED

*Veterans Administration purchases of frozen Orange Juice Concentrate, basis cases of 12-32 oz.; 1969—43,349; 1971—15,000; 1972—26,771; 1973—31,160; 1974—17,715; 1975—35,155; 1976—21,325; 1977—23,190; 1978—24,520. †Child Nutrition purchases of Frozen Green Beans Fiscal 1974—3,881,200 lbs.; 1975—8,493,800 lbs.; 1976—13,871,200 lbs.; Corn 1976—18,281,200 lbs.; Peas 1976—12,460,500 lbs.; Frozen French Fried Potatoes fiscal 1972—23,040,000 lbs.; 1973—24,960,000 lbs.; 1974—3,240,000 lbs.; 1975—30,000,000 lbs.; 1976—50,160,000 lbs.; Frozen concentrated Orange Juice (basis 12/32 oz.) during fiscal 1970—535,000 cases; 1971—899,167 cases; 1973—3,098,500 gallons; 1974—6,947,300 gallons; 1975—2,001,000 gallons; 1976—2,206,400 gallons.

CIVILIAN PER CAPITA CONSUMPTION

COMMERCIALLY PRODUCED VEGETABLES
Source: Economics, Statistics, and Cooperatives Service, U.S.D.A.

Period	Total fresh and processed	Fresh equivalent				As percentage of annual total			
			Processed [1]				Processed		
		Fresh[1]	Total	Canned	Frozen	Fresh	Total	Canned	Frozen
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Percent*	*Percent*	*Percent*	*Percent*
1940-44	186.9	117.7	69.2	67.0	2.2	62.9	37.1	35.9	1.2
1945-54	204.0	118.0	86.0	77.9	8.1	57.8	42.2	38.2	4.0
1955-64	200.8	103.5	97.3	82.4	14.9	51.5	48.5	41.0	7.4
1967	209.4	98.2	111.2	91.3	19.9	46.9	53.1	43.6	9.5
1968	214.9	101.2	113.7	92.7	21.0	47.1	52.9	43.1	9.8
1969	212.1	97.9	114.2	94.9	19.3	46.2	53.8	44.7	9.1
1970	213.1	98.5	114.6	94.0	20.6	46.2	53.8	44.1	9.7
1971	213.0	99.2	113.8	93.6	20.2	46.6	53.4	43.9	9.5
1972	215.0	98.3	116.7	96.3	20.4	45.7	54.3	44.8	9.5
1973	223.7	100.2	123.5	101.6	21.9	44.8	55.2	45.4	9.8
1974	222.9	101.1	121.8	100.9	20.9	45.4	54.6	45.3	9.3
1975	223.2	101.6	121.6	101.8	19.8	45.5	54.5	45.6	8.9
1976	226.2	102.7	123.5	103.0	20.5	45.4	54.6	45.5	9.1
1977	226.7	101.4	125.3	104.2	21.1	44.7	55.3	46.0	9.3
1978[2]	223.5	103.0	120.5	98.7	21.8	46.1	53.9	44.1	9.8

SELECTED VEGETABLES — POUNDS, FRESH EQUIVALENT

Commodity	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978[2]
Asparagus										
Fresh	.40	.50	.50	.50	.50	.40	.40	.40	.30	.30
Canned	.83	.81	.73	.70	.84	.62	.64	.67	.48	.46
Frozen	.28	.28	.24	.19	.21	.19	.17	.21	.17	.17
Total	1.51	1.59	1.47	1.39	1.55	1.21	1.21	1.28	.95	.93
Bean, lima[3]										
Canned	.52	.54	.50	.44	.44	.42	.37	.41	.48	.40
Frozen	1.33	1.50	1.35	1.45	1.46	1.32	1.14	1.00	1.12	1.05
Total	1.85	2.04	1.85	1.89	1.90	1.74	1.51	1.41	1.60	1.45
Beans, snap										
Fresh	1.80	1.70	1.60	1.70	1.60	1.50	1.60	1.60	1.50	1.40
Canned	3.91	3.98	4.01	3.99	4.03	4.06	3.84	4.13	4.06	3.90
Frozen	1.14	1.24	1.22	1.26	1.34	1.27	1.04	1.35	1.18	1.22
Total	6.85	6.92	6.83	6.95	6.97	6.83	6.48	7.08	6.74	6.52
Broccoli										
Fresh	.40	.50	.70	.70	.80	.80	1.00	1.10	1.30	1.30
Frozen	1.11	1.10	1.19	1.32	1.41	1.38	1.27	1.38	1.53	1.86
Total	1.51	1.60	1.89	2.02	2.21	2.18	2.27	2.48	2.83	3.16
Cabbage										
Fresh	9.00	8.70	9.20	8.80	8.90	9.00	9.20	8.80	8.50	8.90
Canned[4]	2.30	2.37	2.47	2.19	2.19	2.40	2.11	2.24	2.22	2.10
Total	11.30	11.07	11.67	10.99	11.09	11.40	11.31	11.04	10.72	11.00
Corn[5]										
Fresh	7.20	7.20	7.50	7.80	7.80	7.40	7.90	8.20	7.60	7.50
Canned	15.08	14.66	15.18	15.98	15.79	14.84	12.58	14.15	15.43	14.66
Frozen	5.35	5.96	5.41	5.41	5.88	5.78	5.69	5.77	6.56	6.88
Total	27.63	27.82	28.09	29.19	29.47	28.02	26.17	28.12	29.59	29.04
Cucumbers										
Fresh	3.10	3.20	3.10	3.10	3.10	3.30	3.20	3.70	4.00	4.30
Canned[6]	5.76	5.50	5.65	5.83	5.93	5.80	5.83	6.24	6.12	6.27
Total	8.86	8.70	8.75	8.93	9.03	9.10	9.03	9.94	10.12	10.57
Peas, green[3]										
Canned	7.49	7.06	6.86	6.87	7.71	6.35	6.26	6.57	7.01	6.45
Frozen	4.86	5.04	4.92	4.92	4.80	4.74	4.64	4.42	4.14	4.23
Total	12.35	12.11	11.78	11.79	12.51	11.09	10.90	10.99	11.15	10.68
Spinach										
Fresh	.40	.30	.50	.50	.50	.40	.50	.60	.70	.50
Canned	.47	.62	.58	.65	.73	.69	.49	.47	.46	.55
Frozen	.96	.97	1.04	1.03	.96	1.13	.93	1.02	1.05	1.07
Total	1.83	1.89	2.12	2.18	2.19	2.22	1.92	2.09	2.21	2.12
Tomatoes										
Fresh	11.70	12.20	11.40	11.90	12.50	11.80	12.10	12.70	12.50	13.40
Canned[7]	51.30	51.30	50.39	51.96	56.17	57.84	62.45	61.15	61.56	59.26
Total	63.00	63.50	61.79	63.86	68.67	69.64	74.55	73.85	74.06	72.66

[1]Fresh data includes dehydrated onions and excludes melons. Data for processed vegetables excludes canned and frozen potatoes, canned sweet potatoes, vegetables consumed in commercially produced soups and baby foods. [2]Preliminary. [3]"in pod" basis. [4]Sauerkraut, canned and bulk. [5]"On-cob" basis. [6]Pickles, canned and bulk. [7]Including canned whole tomatoes and tomato products other than soup.

PER CAPITA CONSUMPTION — Continued

CANNED VEGETABLES[1]

(POUNDS—PROCESSED WEIGHT)

Year	Beans Snap	Peas	Whole Tom.	Catsup and Chili S.	Paste and Sauce	Veg Juices[2]	Corn	Pickles	Kraut	Other	Total
1909	...	1.8	6.0	...	...	...	2.1	...	...	5.4	15.3
1914	...	2.7	7.2	...	...	...	2.5	...	...	6.8	19.2
1918	...	3.0	7.2	...	...	...	3.2	...	...	8.9	22.3
1920	.8	3.0	5.0	...	...	...	4.0	1.2	.7	3.7	18.5
1925	1.3	4.6	7.0	...	.4	...	3.8	1.5	1.5	5.6	25.7
1929	1.7	4.4	5.9	1.8	.3	...	3.9	1.8	2.0	4.1	25.9
1934	1.3	3.6	5.4	1.5	.4	1.1	2.9	1.7	1.5	3.9	23.3
1937	1.8	4.6	5.6	1.7	.5	3.0	3.9	2.1	1.4	4.8	29.4
1940	2.3	5.5	5.9	2.5	.8	3.0	4.5	2.2	2.1	5.6	34.4
1943	2.6	5.9	5.6	1.7	1.5	4.1	5.4	2.5	1.8	5.9	37.0
1945	3.3	7.2	4.1	2.4	2.7	7.0	5.6	2.3	1.0	7.6	43.2
1946	3.3	7.6	4.0	2.9	3.1	5.2	6.3	2.9	2.3	9.2	46.8
1947	2.7	5.9	3.9	2.7	2.7	3.9	5.8	3.3	2.4	7.2	40.5
1950	3.4	5.4	5.1	2.7	2.5	5.0	5.2	3.3	1.9	7.5	42.1
1954	3.6	4.9	4.6	2.8	2.7	5.1	5.2	3.9	2.0	7.1	42.0
1958	4.2	4.7	4.6	3.5	3.4	4.7	5.4	4.6	1.7	8.2	45.0
1960	4.2	4.4	4.6	3.8	3.8	4.7	5.3	4.5	1.5	7.9	44.7
1964	4.8	4.1	4.5	4.6	3.9	4.5	5.6	6.2	1.2	7.8	47.2
1968	5.5	4.2	4.9	(a)	9.8	4.0	5.8	7.7	1.6	8.8	52.3
1969	5.7	4.1	4.9	(a)	10.1	4.1	6.1	7.7	1.4	9.6	53.7
1971	5.9	3.8	4.9	(a)	9.9	3.9	6.2	7.6	1.6	10.5	54.3
1972	5.8	3.8	5.1	(a)	10.2	3.7	6.5	7.8	1.4	10.9	55.2
1973	5.9	4.3	5.8	(a)	11.3	3.3	6.4	8.0	1.4	11.4	57.7
1974	5.9	3.5	5.0	(a)	12.0	3.6	6.0	7.9	1.5	11.6	57.0
1975	5.6	3.4	4.9	(a)	13.5	3.6	5.1	7.8	1.3	9.9	55.1
1976	6.0	3.6	5.2	(a)	13.3	2.8	5.7	8.4	1.4	9.3	55.7
1977	5.9	3.9	5.0	(a)	13.6	3.1	6.3	8.0	1.4	8.7	55.9
1978[3]	5.7	3.6	5.1	(a)	12.8	3.0	6.0	8.4	1.3	8.3	54.2

[1]Excludes soups and baby food. In years 1909-42 calendar-year data are derived from pack-year data by combining proportional parts of each pack year involved. Civilian consumption, beginning 1941. [2]Based on information available for 1944-46, tomato juice comprises approximately 85 percent of the total, combination vegetable juices 13 percent, and other veg. juices 2 percent. [3]Preliminary. (a) Included in paste and sauce.

CANNED FRUITS[1]

(POUNDS — PROCESSED WEIGHT)

Year	Apples and Sauce	Apricots	Cherries	Salad, Cocktail	Peaches incl. Spiced	Pears	Pineapple	Plums and Prunes	Olives	Other	Total
1909	0.7	0.4	0.1	.....	0.6	0.4	0.3	0.1	0.2	0.2	3.0
1914	.7	.6	.2	.....	1.2	.5	1.7	.1	.3	.4	5.7
1918	1.2	.9	.3	.....	1.2	.9	2.0	.2	.3	.5	7.5
1920	.9	.9	.5	.....	2.1	1.1	2.8	.2	.3	.6	9.4
1925	.9	.7	.6	.2	3.2	.6	3.4	.2	.4	.9	11.1
1929	1.1	.8	.7	.4	2.9	.9	3.2	.4	.6	1.3	12.3
1934	1.0	.7	.8	.5	2.6	1.0	3.6	.4	.5	1.4	12.5
1937	1.0	1.0	1.0	.9	2.7	1.1	3.5	.6	.4	1.3	13.5
1940	1.5	.9	1.4	1.6	4.4	1.5	4.7	.5	.7	1.9	19.1
1943	1.6	.3	.7	1.3	3.2	1.4	2.0	.6	.6	.9	12.6
1944	1.0	1.0	.9	1.0	1.3	.4	2.0	.5	.7	.5	9.3
1945	1.1	1.3	.8	2.4	4.9	.9	.8	.7	.6	.9	14.4
1946	1.4	2.8	1.8	2.7	5.4	1.7	3.4	.7	.7	1.7	22.3
1947	1.7	.9	1.0	2.1	4.5	1.2	3.3	.6	.7	2.2	18.2
1949	2.1	1.1	1.4	2.3	4.9	1.4	3.4	.5	.5	2.1	19.7
1950	2.4	1.1	1.8	2.6	5.9	1.6	3.0	.4	.8	2.0	21.6
1952	2.7	.9	1.5	2.4	5.1	1.7	3.1	.4	.9	2.1	20.8
1954	2.5	1.0	1.4	2.1	5.6	1.7	3.4	.4	.7	2.4	21.2
1960	3.4	1.1	1.1	2.7	6.1	2.0	3.2	.3	.8	1.9	22.6
1964	3.7	1.0	1.3	2.6	6.6	1.6	3.2	.3	1.0	1.7	23.0
1968	3.5	.9	.7	2.8	5.7	1.4	3.7	.3	.7	2.2	21.9
1969	3.6	.9	1.0	3.2	6.9	2.0	3.4	.3	1.2	1.7	24.2
1971	3.6	1.0	.9	2.7	5.4	2.0	3.3	.3	.9	1.8	21.9
1972	3.5	.7	.8	2.6	5.7	2.0	3.4	.2	.7	1.8	21.4
1973	3.4	.8	.8	3.0	4.9	2.2	3.4	.2	.7	1.9	21.3
1974	3.1	.6	.7	2.7	5.0	1.9	2.8	.2	.9	1.9	19.8
1975	3.2	.5	.8	2.6	4.9	1.9	2.7	.2	.8	1.6	19.2
1976	[3]2.3	.6	.7	2.7	5.0	2.1	3.1	.2	1.0	1.5	19.2
1977	2.4	.6	.7	2.8	5.1	2.2	3.5	.2	1.0	1.4	19.9
1978[2]	2.6	.4	.7	2.8	4.8	1.8	3.9	.2	.8	1.5	19.0

The pack year, on which data are based 1909-42, begins in early June of year indicated. Civilian consumption only, beginning 1941. [2]Preliminary. [3]Not comparable to previous years due to a change in sample size.

PER CAPITA CONSUMPTION (POUNDS)—Continued

CANNED AND CHILLED FRUIT JUICES (EXCLUDING FROZEN)[1]

(Pounds—Product Weight)

Year	Orange	Grapefruit	Blended	Citrus conc.[2]	Apple	Fruit nec.	Grape	Pineapple[2]	Prune	Total[3]	Chilled[4] Orange
1930	0.01	0.05	...	...	...	...	0.27	...	...	0.33	...
1935	.22	.62	...	...	...	0.01	.29	0.82	0.02	1.99	...
1940	.68	2.34	0.25	....	0.10	.24	.65	2.52	.06	7.23	...
1945	2.75	3.19	1.08	.76	.26	.06	.43	1.12	.89	10.94	...
1950	3.37	2.02	1.01	1.95	.56	.92	.50	1.89	.93	13.45	...
1954	3.08	2.28	.89	1.36	.71	.57	.73	2,41	.97	13.18	...
1958	2.66	1.74	.72	1.62	.77	1.24	.84	3.67	1.05	14.50	1.60
1962	1.92	1.48	.47	1.05	1.05	.52	.65	3.27	1.06	11.66	2.19
1966	1.53	1.73	.34	.99	1.17	.40	.63	3.65	1.10	11.66	3.04
1970	1.75	2.98	.33	1.45	2.67	.70	.58	2.97	1.11	14.65	4.35
1974	1.47	3.55	.21	2.46	2.57	.53	.67	2.35	.73	14.64	4.68
1975	1.54	3.41	.22	3.56	2.89	.79	.59	2.26	.83	16.21	5.07
1976	1.38	3.40	.31	3.24	3.37	.78	.57	2.05	1.01	16.19	5.43
1977	1.47	3.19	.21	2.67	3.36	.68	.46	2.41	.90	15.43	5.05
1978[5]	1.63	3.26	.16	2.98	4.05	.59	.97	2.72	.94	17.37	5.40

[1]Civilian consumption beginning 1941. Calendar-year basis except for citrus juices which are on a pack-year basis beginning in November of year prior to that indicated, and grape juice which in the years 1909-33 and 1948 to date begins November prior to year indicated. [2]Single-strength equivalent; pineapple includes concentrate beginning 1957. [3]Includes lemon, lime and tangerine, not shown seperately. [4]Chilled fruit juice is produced commercially from fresh fruit in Florida; does not include reconstituted frozen juice or fresh juice produced for local sale. [5]Preliminary.

FROZEN VEGETABLES[1]

(Pounds—Processed Weight)

Year	Asparagus	Snap Beans	Lima Beans	Peas	Broccoli	Brussels Sp.	Spinach	Corn. Cut Bas.	Potato Prod.	Other	Tot.
1937	0.03	0.05	0.11	0.15	0.01	...	0.02	0.03	...	...	0.40
1940	.05	.04	.13	.21	.01	0.01	.04	.05	...	.03	.57
1946	.13	.20	.27	.60	.12	.07	.20	.15	...	.30	2.04
1950	.12	.35	.51	.86	.22	.09	.38	.21	.12	.52	3.38
1954	.17	.64	.66	1.40	.47	.16	.51	.43	.44	1.02	5.90
1958	.15	.79	.72	1.64	.56	.17	.55	.70	1.44	1.36	8.08
1962	.18	.81	.71	1.84	.62	.20	.56	.85	3.82	1.68	11.27
1964	.17	.84	.72	1.81	.66	.22	.62	.97	5.86	1.60	13.47
1966	.16	1.06	.70	2.05	.71	.20	.68	1.26	6.93	2.01	15.76
1968	.16	1.00	.74	2.08	.79	.18	.70	1.59	8.50	2.23	18.16
1970	.14	1.05	.71	1.86	.83	.22	.68	1.61	11.10	2.55	20.75
1972	.10	1.07	.69	1.81	.99	.20	.72	1.46	12.25	2.93	22.22
1973	.11	1.14	.69	1.76	1.06	.23	.67	1.60	13.27	3.43	23.96
1974	.10	1.07	.63	1.74	1.04	.26	.78	1.56	13.21	3.02	23.41
1975	.09	.88	.55	1.71	.95	.23	.65	1.53	13.89	3.06	23.54
1976	.11	1.14	.47	1.63	1.04	.25	.71	1.56	14.76	3.34	25.01
1977	.09	1.00	.53	1.52	1.15	.24	.73	1.77	15.98	3.31	26.32
1978[2]	.09	1.03	.50	1.55	1.40	.28	.75	1.86	17.57	3.41	28.44

[1]Civilian consumption only , beginning 1941. [2]Preliminary.

FROZEN FRUITS AND JUICES[1]

(POUNDS PRODUCT WEIGHT)

Year	Strawberries	Other berries	Apples	Apricots	Cher.	Grapes	Peaches	Citrus Juices: Product weight[2]	Citrus Juices: Single strength basis[3]	Misc.[4]	Total
1937	0.21	0.12	0.01	...	0.16	0.01	...	...	...	0.01	0.52
1940	.44	.34	.02	(a)	.32	.07	0.06	...	...	.03	1.28
1945	.24	.30	.49	.40	.26	.04	.38	...	...	.20	2.31
1950	.89	.58	.29	.06	.60	.05	.16	1.52	5.12	.13	4.28
1954	1.48	.41	.31	.04	.52	....	.17	4.40	13.93	.11	7.44
1957	1.61	.36	.34	.05	.66	.13	.24	5.32	16.99	.27	8.98
1960	1.28	.57	.40	.07	.71	.03	.24	5.58	17.48	.20	9.08
1964	1.31	.54	.44	.06	.62	.12	.24	3.80	11.96	.26	7.39
1966	1.40	.40	.39	.10	.74	.05	.30	4.53	14.70	.17	8.08
1970	1.18	.54	.48	.06	.61	.03	.26	6.50	21.95	.17	9.83
1972	1.36	.47	.67	.05	.64	.01	.31	6.78	22.79	.15	10.44
1973	1.19	.39	.62	.08	.83	.04	.22	7.64	25.58	.16	11.17
1974	1.13	.34	.34	.06	.50	.01	.28	8.46	28.59	.13	11.25
1975	1.41	.42	.45	.07	.47	.....	.28	9.38	30.22	.16	12.64
1976	1.30	.44	.38	.06	.71	.01	.13	9.12	30.62	.10	12.25
1977	1.19	.44	.45	.07	.40	.02	.29	8.76	29.73	.16	11.78
1978[5]	1.40	.36	.40	.07	.47	.02	.27	8.49	28.34	.17	11.65

[1]Prior to 1937, items not reported separately, Civilian consumption beginning 1941. [2]Includes single-strength and concentrated juices. [3]Concentrated fruit juices converted to single strength, basis of 3.525 pounds to 1. This figure not included in total. [4]Includes plums, prunes, pineapples, non-citrus purees, and miscellaneous fruits and berries; prior to 1946 includes small quantities of citrus juices. [5]Preliminary.

THE ALMANAC

OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

Section IX

CANNED FOOD PRICES

Source: Bi-Weekly issues of "The Canning Trade" and monthly issues of its successor "Food Production Management"

Prices given represent the high and low canners spot selling price, f.o.b. factory, subject to customary discounts, including brokerage. Prices per case, unless otherwise noted. The first price (or range) for a given item, in a given year, does not necessarily represent the price for the first of the month indicated, as every effort was made to reflect opening prices. Date of opening prices depends on the season, the area and the market situation. Where no price is shown, no price was listed in the Source.

VEGETABLES

	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80
ASPARAGUS							
Calif., fcy. all gr. Sp., 24/300							
Mam/Lg March 1	14.10	15.70-16.75	16.25	14.70-14.80	20.50	25.50	30.00
Mam/Lg July 1	14.10	15.70	14.20	15.30-15.40	20.80	30.00	30.00
Mam/Lg Oct 1	14.75	16.25	14.00	16.60	21.80	30.00	30.00
Mam/Lg Jan 1	nominal	16.25-16.70	14.00	16.60	22.90	30.00	30.00
East, fcy. gr. cuts & tips, 24/300							
Lg. March 1 .	[1]7.50	[1]10.40	[1]8.25	[1]8.50	.....	18.00	19.00
Lg. July 1 ...	[1]7.50	[1]10.40	[1]8.00	[1]9.00	.....	18.00	19.00
Lg. Oct. 1	[1]8.75	[1]10.00	[1]8.50	[1]9.00	.....	19.00	15.75
Lg. Jan 1	[1]8.75	[1]10.00	[1]8.50	[1]9.00	.....	19.00	15.75
Midwest fcy. gr. cut spears, 24/300							
March 1	8.00	12.75	[2]8.50	[2]10.25	[2]14.00	15.25	17.00
July 1	8.00	12.75	[2]8.00	.....	[2]14.75	16.50	17.20
Oct. 1	.....	[2]10.75	[2]8.50	[2]11.50	[2]15.50	16.50-17.00	17.20
Jan. 1	8.00	[2]9.50	[2]8.50	[2]12.00-12.50	[2]15.25	16.50-17.00	16.50
BEANS—GR., SNAP							
East, fcy, cut, 24/303							
Aug. 1	4.20-4.30	5.40-5.65	4.75-5.60	5.00-5.10	6.00-6.10	6.00-6.15	6.25-6.70
Oct. 1	4.20-4.30	5.50-5.85	4.75-5.50	5.00-5.35	5.60-6.00	6.00-6.35	6.30-6.70
Jan. 1	4.00-4.30	5.75-6.15	4.30-4.80	5.10-5.55	5.90-6.15	6.00-6.70	6.30-6.50
Apr. 1	4.40-4.75	5.50-6.15	4.25-4.80	5.50-5.95	6.00-6.35	6.30-6.70	6.50-6.70
East fcy. fr. style, 24/303							
Aug. 1	4.85	5.85-5.95	5.40-5.75	5.20-5.25	6.05-6.25	6.20-6.30	6.50-6.70
Oct. 1	4.85	6.10-6.25	5.00-5.55	5.35-5.50	5.90-6.00	6.25-6.35	6.50-6.60
Jan. 1	4.45-4.85	6.10-6.45	4.75-5.10	5.50-5.75	6.00-6.20	6.25-6.50	6.50-6.60
Apr. 1	4.75-4.80	6.00-6.45	4.50-5.10	5.75-5.95	6.00-6.30	6.50-6.70	6.50-6.60
Midwest ex. std. cut, 24/303							
Aug. 1	3.40-3.55	4.70-5.05	4.50-4.75	4.35	5.20-5.25	5.35-5.50	5.80-5.90
Oct. 1	3.61-3.66	5.50-5.85	4.35	4.50-4.60	5.00-5.20	5.50-5.60	5.90
Jan. 1	3.70-3.95	5.35-5.45	3.60-4.25	4.50-4.60	5.20	5.65-5.80	5.80-5.90
Apr. 1	4.10-4.20	5.15-5.30	3.75-4.25	4.95-5.00	5.20-5.35	5.75-5.90	5.90-6.10

[1]All gn cuts & tips. [2]Cut spears.

CANNED FOOD PRICES—Continued

	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80
South Std. cut 24/303							
Aug. 1	3.60	4.35	4.55-4.90	4.50	5.25	5.60	5 75
Oct. 1	3.60	4.75-5.05	4.25-4.55	4.35-4.50	5.10	5.60	5.75
Jan. 1	3.80	5.30	4.15	4.45-4.55	5.10	5.75	5.75
April. 1	3.80-4.00	5.05	4.00-4.15	4.65-4.90	5.10	5.75	5.75
6/10							
Aug. 1	5.75	6.25	6.25-6.50	5.75	6.25	7.50	.....
Oct. 1	5.75	6.75	6.00-6.25	5.75-6.00	6.25	7.75	.....
Jan. 1	5.75	.....	6.00	6.00	6.25	8.00	.....
Apr. 1	5.75	.....	5.25-6.00	6.00	6.25	8.00	.....
N.W. Bl. Lakes fcy. cut 3 sieve 24/303							
Aug. 1	4.90	6.80-7.30	5.75	5.10-5.50	5.70-5.95	7.05-7.10	7.25
Oct. 1	5.11	7.30	4.90-5.55	5.75	5.70-6.15	7.10	7.25
Jan. 1	5.11	7.05-7.30	4.90-5.55	5.50	5.90-6.25	7.10	7.00-7.10
April 1	5.11	7.05-7.30	4.50-4.75	6.00	5.90-6.45	7.10	6.50
6/10							
Aug. 1	6.70	9.25-10.10	8.25	6.40-7.20	6.85-7.55	9.40	10.50
Oct. 1	7.13	10.10	6.45	7.20-7.45	7.25	9.65	10.50
Jan. 1	7.13	9.85-10.10	6.45	7.45	7.75-7.95	10.15	10.00-10.25
April 1	7.18	9.85-10.10	5.90-5.95	7.95	7.95-8.25	10.15	10.25
BEANS (WAX)							
East fcy. cut 3 sieve 24/303							
Aug. 1	4.40-4.50	5.85	5.40-6.05	5.85	5.60-5.80	5.95-6.25	6.35-6.65
Oct. 1	4.65	5.95-6.05	5.25-5.65	6.05-6.25	6.00	6.35-6.50	6.75-6.80
Jan. 1	4.25-4.65	5.95-6.50	5.50	6.25	5.95-6.10	6.35-6.75	6.65-6.80
April 1	4.65	5.95-6.50	5.50	6.25	6.20-6.30	6.40-6.75	6.80-6.95
BEANS LIMA (Fr. Gr.)							
East, fcy. Tiny 24/303							
Oct. 1	6.70-7.35	8.75-9.40	8.50-9.15	7.75-8.95	8.50-8.60	9.00-9.25	8.50-9.40
Jan. 1	6.95-7.35	8.75-9.85	8.25-8.95	7.75-8.95	8.95-9.00	9.00-9.40	8.50-9.40
Apr. 1	6.70	8.75-9.60	8.25-8.95	7.50-8.50	8.65-9.00	9.00-9.40	8.50
July 1	7.00-7.85	8.75-9.40	8.90-8.95	7.50-8.90	8.65-9.10	9.00	n.a.
Midwest fcy., med. gr 24/303							
Oct. 1	5.50	7.75	7.50	7.75	7.75	8.50	8.00-8.50
Jan. 1	5.75-5.90	7.75	7.50	7.75	8.25	8.50	8.00-8.50
Apr. 1	5.75	7.75	7.50	7.75	8.25	8.50	8.00-8.50
July 1	5.90-6.25	7.75	7.50	7.75	8.25	8.00-8.30	n.a.
BEETS							
East, fcy, diced, 24/303							
Oct. 1	.....	4.25-4.35	4.40	5.00	5.20	5.40	5.75
Jan. 1	.....	4.70	4.25	5.00	5.65	5.60	5.75
Apr. 1	.....	4.70	4.25	5.20	5.65	5.60	5.75
July 1	.....	4.70	4.45	5.20	5.00	5.60	n.a.
Midwest fcy. sl. 24/303							
Oct. 1	3.85	4.75-4.85	3.35-3.40	5.40	5.50-5.80	6.05	6.25
Jan. 1	4.05-4.10	5.60	3.35-3.40	5.40-5.50	5.85	6.25	6.25
Apr. 1	4.40	5.50-5.70	3.35-3.40	5.40-5.80	5.85-6.05	6.25	6.10
July 1	4.65	5.20-5.50	4.75	5.50-5.80	5.85-6.05	6.25	n.a.
CARROTS							
Midwest fcy. diced, 24/303							
Oct. 1	3.10-3.15	3.85	3.65	3.95	4.00	5.05	5.25
Jan. 1	3.25	3.95	3.65	3.95	4.95-5.20	5.00	5.10-5.25
Apr. 1	3.60-3.65	3.95	3.75	4.00	4.95	5.00-5.05	5.10
July 1	3.75	3.65	3.75	3.95-4.00	4.95-5.00	5.00	n.a.
Midwest fcy. sl. 24/303							
Oct. 1	3.70-3.90	4.60-4.85	3.95-4.00	4.65-5.00	5.25-5.85	5.85-6.05	6.10
Jan. 1	3.75-3.95	5.75	3.95-4.40	4.85-5.00	5.85-5.95	6.00-6.10	6.25-6.80
Apr. 1	4.25-4.30	5.75	4.15-4.70	4.95-5.60	5.85	6.05-6.70	6.25
July 1	4.25-4.40	3.90-4.00	4.70	5.15-5.50	5.85-5.95	6.10	n.a.
CORN-SWEET (C.S. & W.K.)							
Midwest fcy., gold 24/303							
Sept. 1	4.00	5.25-5.40	5.75-5.90	5.50-5.85	5.15-5.25	5.75-6.00	6.10-6.35
Jan. 1	4.25-4.35	6.75-6.90	4.95	5.35	4.95-5.15	6.00	6.00-6.25
Apr. 1	4.75	6.75-6.90	5.05-5.15	5.25	4.95-5.15	6.00-6.75	6.00
July 1	4.95	6.25-6.75	5.05-5.15	5.20-5.40	5.50-5.70	6.00-6.25	n.a.
6/10							
Sept. 1	5.50-5.65	7.50-7.75	8.75-8.95	7.25-9.50	6.50-8.00	8.00-8.25	9.10-9.25
Jan. 1	5.85-6.15	9.75-9.95	8.00-9.25	7.25-8.75	6.25-7.75	8.00-8.50	8.50-9.25
Apr. 1	6.75-6.95	9.95-10.25	7.25-9.25	7.00-8.50	6.65-7.50	8.25-8.50	8.50
July 1	6.95	9.95-10.25	7.25-9.25	6.50-8.00	7.50-7.75	8.75	n.a.
Midwest Std. gold, 24/303							
Sept. 1	3.25	.....	.....	4.75	.....	5.25	.....
Jan. 1	3.75	.....	.....	4.50	.....	5.25	5.50
Apr. 1	.....	.....	.....	4.50	.....	5.25	5.25
July 1	3.75	.....	5.30	.....	.....	.....	n.a.

CANNED FOOD PRICES—Continued

CORN—Cont.	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80
East, fcy. gold 24/303							
Sept. 1	4.60	5.30-6.50	6.25-6.75	6.00-6.10	5.20-5.95	5.90-6.75	6.35
Jan. 1	4.30-4.70	6.75-7.35	5.40	6.15	5.10-5.50	6.15-6.25	6.00-6.25
Apr. 1	4.70-5.15	6.90-7.35	5.95	5.45-5.95	6.25	6.25	6.25
July 1	5.05-5.30	6.90-7.10	5.55-5.95	5.55	6.00-6.25	6.25	n.a.
East, Std. gold, 24/303							
Sept. 1	.....	.....	.....	5.65	4.85	5.50	5.80
Jan. 1	.....	6.75	5.15	5.65	.....	5.65-5.75	5.60
Apr. 1	.....	6.75	5.15	5.10	.....	5.75	5.75
July 1	.....	n.a.	5.30	5.20	.....	5.80	n.a.
PEAS, ALASKA							
Midwest fcy., 2 sv., 24/303							
July 1	5.25-5.50	7.00	7.25	7.40	6.25-6.50	6.50-6.75	7.90
Oct. 1	5.48	7.50-7.65	7.65	6.90-7.40	6.10	7.50	7.90
Jan. 1	5.60-5.75	7.75	7.00-7.25	6.90	6.10-6.25	7.50	7.90
Apr. 1	6.15	7.75	7.00	6.90	6.25	7.50	7.90
Midwest Ex. Std., 3 sv. 24/303							
July 1	3.95-4.15	5.75	5.95	5.25	5.00	5.50	6.90
Oct. 1	4.38	5.95-6.15	5.80	4.95-5.25	5.00	6.15	7.00
Jan. 1	4.50	6.15	5.25-5.50	4.75	5.00	6.25	6.90-7.00
Apr. 1	5.05	6.15	5.25	4.75	5.00	6.50	6.50
6/10							
July 1	5.625-5.875	7.95	8.50	8.25-8.50	7.75-8.00	8.25	9.85-10.25
Oct. 1	6.25	8.50-8.75	8.95	8.25-8.50	7.75	9.65	9.85-10.25
Jan. 1	6.45-6.50	8.75	8.25-8.50	7.95	7.75	9.65	9.85-10.25
Apr. 1	6.95	8.75	8.25	7.95	7.75-8.00	9.65	9.85-10.00
Midwest Std., 4 sv., 24/303							
July 1	3.25-3.30	4.95	5.00	4.35-4.50	4.10	4.75-5.00	6.25
Oct. 1	3.53-3.60	5.00-5.25	4.90	4.10-4.50	.....	5.50	6.25
Jan. 1	3.60	5.25	4.35-4.75	4.10	4.10	5.75	6.25
Apr. 1	4.35	5.25	4.35	4.20	.....	6.00	5.75
PEAS, SWEET							
Midwest Ung., fcy, 24/303							
July 1	4.05-4.10	5.75	6.15	6.25-6.40	5.75	6.00-6.10	7.25
Oct. 1	4.33-4.40	6.10-6.35	6.50	6.25	5.75	6.75	7.25
Jan. 1	4.55	6.35	6.00-6.25	6.15	5.75	6.75-6.90	7.25
Apr. 1	5.10	6.35	6.00	6.15	5.75	6.75-7.00	6.75-7.00
Midwest Ung. Ex. Std., 24/303							
July 1	3.50-3.65	5.25	5.30	4.75-4.90	4.60-4.75	5.25-5.60	6.75
Oct.	3.78-3.90	5.60	5.40	4.75	4.50	5.85-5.95	6.75
Jan. 1	4.10	5.65	4.50-4.95	4.50-4.75	5.00	6.00-6.10	6.75
Apr. 1	4.70	5.65	4.50	4.50	5.00	6.30	6.25-6.50
6/10							
July 1	5.375-5.50	7.50	8.50	7.95	7.25	7.75-8.25	9.50-9.75
Oct. 1	5.87-6.00	8.35	8.25	7.75-7.95	6.75	9.00-9.25	9.50
Jan. 1	6.15-6.25	8.50	7.75-8.00	7.50	7.75	9.25	9.50-9.75
Apr. 1	6.75	8.50	7.75	7.50	7.75	.....	9.50
East Ung., ex. std., 24/303							
July 1	4.20-4.30	5.45	5.60	5.25-6.55	6.00	5.60-6.20	6.75-7.00
Oct. 1	.....	5.85	5.60	5.50-6.55	4.50-5.25	6.35-6.85	6.75-7.25
Jan. 1	.....	6.20	5.00-5.30	5.25-6.50	4.50-5.25	6.50	6.75-7.25
Apr. 1	5.35	6.00-6.30	4.75-5.20	5.00-6.00	4.85-5.00	.....	6.60
East Ung. Std., 24/303							
July 1	3.50	5.25	5.30	4.75-5.75	5.50-5.70	5.30-5.90	6.50
Oct. 1	4.25	5.40-5.50	5.15-5.20	4.75-5.75	4.35-4.50	6.00-6.25	6.25
Jan. 1	.....	5.90-6.15	4.75-5.00	4.60-4.75	4.35-5.00	6.00-6.25	6.25
Apr. 1	.....	5.80-6.20	4.50-4.90	4.40-5.00	4.50-4.70	.....	6.25
SAUERKRAUT							
Midwest fcy., 24/2½							
Oct. 1	6.80	7.50	6.95-7.25	6.75	7.10	7.90	8.35-9.50
Jan. 1	6.80	7.25-7.50	6.65	7.00	7.10	9.25-9.40	8.75-9.50
Apr. 1	6.80	7.25	6.65	7.00	7.25	8.00-9.50	8.60-8.75
July 1	6.80	6.95-7.25	6.25-6.65	7.00-7.75	7.50	8.35-9.50	n.a.
6/10							
Oct. 1	5.70	6.65	6.00-6.25	6.10	6.25	7.00	8.00-9.20
Jan. 1	6.20	6.65-6.75	6.25	6.10	6.00	8.50-8.75	8.50-9.20
Apr. 1	6.20	6.25-6.75	5.95	6.25	6.25	8.75-9.25	8.75
July 1	6.20-6.25	6.00-6.25	5.35-5.95	6.50	6.40	8.00-9.50	n.a.
N.Y. fcy., 24/2½							
Oct. 1	6.40	7.50	6.25-6.55	6.90	7.30	7.25	9.10
Jan. 1	6.80	7.50	6.20	7.50	6.85	8.00-8.35	8.35
Apr. 1	6.80	7.00	6.20	6.90	7.05	8.50	8.35
July 1	6.80	6.25	6.20-6.35	6.90	7.05	8.50	n.a.

CANNED FOOD PRICES—Continued

	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80
SPINACH							
Calif., fcy., 24/303							
March 1	3.80	4.25	4.60	4.60	5.25	6.20	7.10
June 1	3.80	4.25	4.60	4.50	5.25	6.50	7.10
Sept 1	3.80	4.25	4.60	4.75	5.60	6.75	7.10
Jan. 1	3.80	4.00-4.25	4.60	4.75	5.85	6.75	6.38
24/2½							
March 1	5.50	6.20	6.70	6.50	7.50-8.15	8.45	9.95
June 1	5.50	6.20	6.70	6.50	7.50	8.95	9.95
Sept. 1	5.50	6.20	6.70	6.90	7.50	9.45	9.95
Jan. 1	5.50	5.90-6.20	6.70	6.90	8.25	9.45	8.99
6/10							
March 1	4.45	5.00	5.50	5.00	6.00-7.10	6.75	7.85
June 1	4.45	5.00	5.50	5.00	6.00	7.00	7.85
Sept. 1	4.45	5.00	5.00	5.50	5.50	7.50	7.85
Jan. 1	4.45	4.75-5.00	4.50	5.50	6.50	7.50	8.35
Ozarks, fcy., 24/303							
March 1	4.00	4.50	4.75	4.95	5.10-5.25	6.20	6.95
June 1	4.00	4.50	4.75	4.95	5.25	6.20	6.95
Sept. 1	4.18	4.50-4.75	4.75	4.95	5.25	6.20	6.95
Jan. 1	4.40-4.50	4.75	4.75	4.95	5.50	.....	7.10
SWEET POTATOES							
East syr. wh., 24/3 sq.							
Oct. 1	9.20	11.00-11.25	10.50-11.00	10.75-11.00	11.50	14.50	14.00
Jan. 1	9.50	11.50	10.75-11.00	11.00	12.50	14.50	14.00
Apr. 1	9.50	10.85	10.75	11.00	.....	14.50	14.00
July 1	9.50	11.00	10.75	11.00	.....	14.50	n.a.
24/2½							
Oct. 1	.....	13.25	11.50	12.00	12.75	16.25	16.00
Jan. 1	8.50	13.25	11.50	12.00	14.50	16.25	16.00
Apr. 1	8.50	13.25	12.00	12.50	.....	16.25	16.00
July 1	8.50	....	12.00	12.50	.....	16.25	n.a.
6/10							
Oct. 1	8.80-10.25	11.00-12.45	11.25	11.25-11.75	13.75	14.75	.....
Jan. 1	9.30-10.65	11.80	11.25	11.25-11.75	13.75	14.75	11.25
Apr. 1	9.30-10.65	11.80	11.25-12.00	11.25-11.75	13.75	14.75	11.25
July 1	9.30-10.50	10.75-11.00	11.25	11.75	.....	14.75	n.a.
TOMATOES							
East, ex. std. 24/303							
Sept. 1	5.60	6.25	6.25-7.50	7.25	7.65	7.25-7.90	7.15
Jan. 1	5.60	6.25	7.25	7.45	7.65	7.15-7.90	7.15
Apr. 1	6.75	7.70	7.25	7.65	6.85-7.65	7.90	7.15
July 1	6.90	7.70	7.25	7.65	6.95-7.65	7.15-7.90	n.a.
East, Std. 24/303							
Sept. 1	4.50-4.60	6.00	6.00	5.35	5.75	6.25	6.10
Jan. 1	5.00	5.75	5.50	5.50	5.75	6.25-7.15	5.95
Apr. 1	5.25	5.75	5.50	6.00	6.00	6.25	6.00-6.25
July 1	5.75	6.00	5.50	6.25	6.15-6.25	6.10	n.a.

ODDS are
that someone
will "borrow" your
ALMANAC before the
week is out

Before that happens
order a crisp new
copy for yourself
and let the "borrower"
keep old dog-ears

Box 866
Westminster,
Md. 21157
301-876-2052

CANNED FOOD PRICES—Continued

TOMATOES—Continued	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80
East Std. 6/10							
Sept. 1	6.25	8.50	8.25	8.00-8.25	10.50	9.75	9.00
Jan. 1	7.00	7.75-8.00	8.25	9.50	9.50	9.25-9.75	8.75
Apr. 1	7.00-7.25	7.75-8.00	8.25	10.50	9.25	9.25	9.00
July 1	7.50	8.25	8.50	10.50	9.25	9.00	n.a.
Midwest ex. std. 24/303							
Sept. 1	.....	6.25	6.35-6.60	6.25	6.75	6.65	6.65
Jan. 1	5.10-5.25	6.30-6.50	6.40	6.25	6.75	6.35-6.65	6.20-6.30
Apr. 1	5.20-5.35	6.35	5.25-6.00	6.25	6.75	6.20-6.40	6.50
July	5.50	6.35-6.50	6.00-6.25	6.55	6.75	6.20-6.50	n.a.
24/2½							
Sept. 1	.....	9.50	9.50-10.10	9.50-9.75	10.50	10.40-10.60	10.45
Jan. 1	7.40	9.40-9.85	9.80	9.75	10.60-10.70	10.60	9.35
Apr. 1	7.40	9.50	9.80	9.90	10.60-11.00	10.00-10.35	10.50
July 1	7.60-7.85	9.50-10.10	9.80	10.60	10.60-11.00	9.85-10.00	n.a.
6/10							
Sept. 1	6.75	9.00	8.75-9.00	8.75-8.90	10.00	10.25	9.80
Jan. 1	7.00	9.25	9.25	9.25	10.25	10.25	9.50
Apr. 1	7.50	8.75	9.25	9.25-9.75	10.25	.....	9.75
July 1	7.25	8.75-9.00	.....	.....	10.25	10.25	n.a.
Midwest Std.,24/303							
Sept. 1	4.65	5.50-5.75	6.10-6.30	5.50	6.20	6.50	6.45
Jan. 1	5.00	6.10-6.20	5.80	5.80	6.20	5.75-6.00	6.00-6.10
Apr. 1	5.10	5.95	5.50	6.35	6.20	6.00-6.50	5.90-6.00
July 1	5.10	6.10-6.20	5.50	6.35	6.20-6.25	5.85-6.20	n.a.
24/2½							
Sept. 1	7.25	8.75	9.50-9.75	9.20	9.50-10.30	10.35	10.25
Jan. 1	7.20	9.10-9.50	9.50	9.50	10.30	9.65-9.85	9.35
Apr. 1	7.20	9.50	9.15	10.00	10.35	9.65-10.05	9.35
July 1	7.30	9.10-9.75	9.15	10.35	10.00-10.35	9.65-10.05	n.a.
6/10							
Sept. 1	6.50	7.75	8.50-8.75	8.40	9.25	.....	8.75
Jan. 1	7.00	9.00	8.50	9.00	9.40-9.75	8.75	8.50-8.75
Apr. 1	7.35	8.75	8.25	9.25	9.40-9.75	8.75	8.50-8.75
July 1	7.35	8.75	8.25	.....	.....	8.50	n.a.
Calif. fcy. 24/303							
Sept 1	4.57	6.10	6.40	6.80	7.35	7.60	7.40
Jan. 1	5.05	6.50	6.40	6.90	7.35	7.60	.....
Apr. 1	5.05	6.50	6.40	7.85	6.75-7.65	7.60	.....
July 1	5.05	6.50	6.40	7.85	6.75-7.35	7.60	n.a.
Calif. Choice 6/10							
Sept. 1	5.55	7.35	7.85	8.50	9.75	10.25	8.25
Jan. 1	.....	7.95	7.15	9.75	9.75	9.50-10.75	7.25-7.75
Apr. 1	.....	7.95	7.50	11.00	9.00-10.25	10.75	8.00-8.75
July 1	.....	7.95	7.50	11.00	9.00-9.75	9.00	n.a.
Calif. Std. 24/303							
Sept. 1	4.07	5.10	5.40	5.65	6.00	6.25	5.75-5.80
Jan. 1	4.35	5.35	5.25	5.85	5.85	5.85-6.25	5.25
Apr. 1	4.35	5.35	5.25	6.50	5.25-6.25	6.00-6.25	6.00-6.25
July 1	4.35	5.50	5.25	6.50	6.00	6.00	n.a.
6/10							
Sept. 1	5.11	6.65	7.15	7.25	8.75	9.00-9.25	7.00
Jan. 1	5.60	7.25	6.50	8.50	8.50	8.50-9.25	6.25
Apr. 1	5.60	7.25	6.00	9.75	8.00-9.00	9.25	7.00-7.50
July 1	5.60	7.25	6.50	9.75	8.00-8.75	7.50	n.a.
TOMATO CATSUP							
Calif. fcy. 24/14 oz. gl.							
Sept. 1	4.69	6.85	7.45	8.05	7.21	7.60	7.60
Jan. 1	.....	6.85	7.00-7.45	8.05	6.50	7.60	7.10
Apr. 1	.....	6.85	7.45	8.05	6.50	7.60	8.10
July 1	.....	7.45	7.45	8.05	6.75	7.60	n.a.
6/10							
Sept. 1	6.94	11.80	12.05	9.50	11.50	11.00	8.75-9.00
Jan. 1	8.25	12.80	10.00	12.25	9.50	9.50-11.00	8.25
Apr. 1	8.25	12.80	9.50	12.75	9.25-11.00	11.00	8.75-9.50
July 1	8.25	12.80	9.00	12.00	9.50-10.25	9.25	n.a.
Midwest, fcy. 24/14 oz.							
Sept. 1	4.85	7.50	7.95	7.50-7.95	7.50	7.50	7.50
Jan. 1	5.25	7.95	.....	7.95	7.50	7.65	7.05-7.15
Apr. 1	5.00	7.95	7.65	7.95	7.50	7.65	7.00-7.75
July 1	5.75-6.25	7.95	7.95	7.95	7.50	7.50	n.a.
6/10							
Sept. 1	.....	12.00	12.75	10.00	11.75	11.50	11.50
Jan. 1	.....	12.75	.....	10.75	11.50	11.50	10.50-10.75
Apr. 1	.....	12.75	10.00	11.25	11.50	11.50	10.50-10.75
July 1	9.00-9.50	12.75	10.25	11.50	11.50	11.50	n.a.

CANNED FOOD PRICES—Continued

	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80
TOMATO PASTE							
Calif. Fcy. 96/6z							
Sept. 1	11.37	15.70	16.94	16.50	18.00	19.50	17.50
Jan. 1	11.78	16.70	15.78	17.00	17.00	17.50-19.50	17.50
Apr. 1	nominal	16.70	15.50	18.60	16.50-18.00	18.00-19.50	17.50-18.00
July 1	nominal	17.00	16.50	18.60	17.50-18.00	18.50	n.a.
6/10-26%							
Sept. 1	8.95-9.47	14.50	15.00	12.25	14.50	15.00	14.75-15.00
Jan. 1	9.80-10.95	16.50	12.50	14.00	13.25	15.00	13.50-14.00
Apr. 1	10.95	16.50	11.25	15.00-16.00	13.25-15.00	15.00-15.50	13.25
July 1	10.95	16.50	11.50	15.00	14.00-14.30	15.50	n.a.
TOMATO PUREE							
Calif. Fcy. 1.06 24/303							
Sept. 1	4.30	5.90	6.70	6.65	6.75	7.00	6.90
Jan. 1	4.60-4.75	6.60-6.75	6.70	7.20	6.50	7.00	6.75
Apr. 1	4.75	6.75	6.70	7.40	6.50-7.00	7.00	7.00
July 1	4.75	6.75	6.65	7.65	6.75	7.00	n.a.
6/10							
Sept. 1	6.04-6.29	8.25	9.15	7.00	8.50	9.00	7.75
Jan. 1	6.50-6.65	9.25-9.50	7.65	8.50	7.50	8.25-9.00	7.00-7.25
Apr. 1	6.65	9.50	7.00	9.75	7.00-8.50	8.25	8.00
July 1	6.65	9.50	7.00	9.75	7.50-8.00	8.25	n.a.

FRUITS

APPLE SAUCE							
East, fcy. 24/303							
Oct. 1	5.65	6.35-6.65	5.15	6.00-6.50	6.85-6.90	6.00-6.55	6.80-7.00
Jan. 1	5.65	6.65-6.70	4.85	6.40-6.75	6.50-6.90	6.00-6.55	6.80-6.95
Apr. 1	5.65	6.00	5.15-5.25	6.60-6.75	6.10-6.55	6.25-7.10	6.80
July 1	6.10	5.40-5.90	5.75-6.00	6.75	6.20-6.55	6.25-6.55	n.a.
6/10							
Oct. 1	8.25	9.25-9.50	8.75	9.40-9.75	9.50	9.00	.....
Jan. 1	8.25	9.25-9.75	7.50	9.00-9.80	9.50	9.50	.....
Apr. 1	8.25	9.00	7.40	9.40-9.50	9.50	9.50	.....
July 1	8.70	8.50-8.75	8.25-8.75	9.50	9.50	9.50	n.a.
APRICOTS							
Calif. fcy, halves							
24/2½							
July 1	11.50	*14.25	*13.50	*13.50	*13.50	*15.25	*16.40
Oct. 1	nominal	*14.25	*12.05	*13.50	*14.25	*15.95	*16.40
Jan. 1	nominal	*14.25	*12.05	*13.50	*14.25	*15.95	*16.40
Apr. 1	nominal	*14.25	*12.00	*12.50-13.50	*14.25	*15.95	*17.15
6/10							
July 1	11.10	*13.45	*13.00	*13.45	*14.00	*15.50	*16.90
Oct. 1	nominal	*13.95-14.45	*11.70	*13.45	*14.50	*16.75	*17.75
Jan 1	nominla	*14,45	*11.70	*13.00	*14.50	*16.75	*17.75
Apr. 1	11.65	*14.45	*11.00	*14.00	*14.50	*16.75	*17.75
FRUIT COCKTAIL							
Calif. fcy.							
24/2½							
Sept. 1	nominal	12.15	12.15	11.68	12.18	14.05-14.35	15.50
Jan. 1	nominal	11.15-12.15	11.15	11.68	12.18	14.80-15.10	15.50-16.25
Apr. 1	9.25	11.15-12.15	11.90	12.40-12.90	13.40	14.80-15.10	17.00
July 1	9.95	11.15	12.40	12.90	13.60	14.78-15.50	n.a.
6/10							
Sept. 1	out	11.75	12.00	11.75	11.00	14.25-14.50	16.50-16.75
Jan. 1	nominal	12.75	10.25	11.50	12.00	14.90	17.25
Apr. 1	9.25	12.75	12.00	12.50	13.50	.....	17.40
July 1	9.25	12.25	12.00	12.00	14.00	.....	n.a.
PEACHES							
Calif., ch. cling							
24/2½							
Sept. 1	7.60	10.15	9.43	9.68	9.68	11.85	13.05
Jan. 1	7.90	9.30-10.15	9.67	9.68	9.43	12.60	12.33
Apr. 1	7.90	9.30-10.15	9.70	9.68	9.92	12.60	13.80
July 1	7.90	10.15	10.40	10.90	11.35	12.33-13.09	n.a.
6/10							
Sept. 1	7.05	9.75	9.75	9.75	9.25	11.00	12.75-13.50
Jan 1	7.40	10.75	8.75	9.25	8.65	11.75-12.00	14.00
Apr. 1	7.40	10.75	8.75	9.75	9.75	12.25	14.00
July 1	7.40	9.75-10.00	9.75	10.25	10.00	12.35-12.75	n.a.

*Choice

CANNED FOOD PRICES—Continued

PEACHES Cont.	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80
Calif., Freestone fcy. 24/2½							
Sept. 1	10.20	14.00	13.00	12.50	13.10	13.10-13.80	15.00
Jan. 1	10.45	14.00	12.00	12.50	12.38	14.50	15.00
Apr. 1	10.45	14.00	11.60	12.50-13.00	13.10	14.50	14.28-15.10
July 1	10.45	13.50	12.60	13.10	13.10	14.05	n.a.
6/10							
Sept. 1	9.15	13.25	12.75	12.25	12.75	12.75-13.45	14.35-14.80
Jan. 1	9.35	14.25	11.75	12.25	12.75	nom.	15.55
Apr. 1	9.35	14.25	11.75	12.25-12.75	12.75	nom.	15.50-15.55
July 1	9.35	13.70	11.25	12.75	12.75	13.05	n.a.
PEARS							
Calif., Bart fcy. 24/2½							
Sept. 1	nominal	12.95	12.65	11.65	11.40	15.35	16.30
Jan. 1	nominal	13.65	13.00	11.65	12.40	15.85	.....
Apr. 1	nominal	13.65	.....	11.65-13.60	12.90	15.85	.....
July 1	.....	13.65	11.15	11.65	14.40	.....	n.a.
Choice 6/10							
Sept. 1	8.40	11.25	11.80	10.25	9.50	14.20	16.50
Jan. 1	8.90	12.25	12.60	9.50-10.25	10.50	14.20	16.30
Apr. 1	8.90	12.25	.....	9.75-10.25	11.25	15.45	16.30
July 1	8.90	13.60	10.25	9.75-10.25	12.75	15.30-15.70	n.a.
PLUMS (PURPLE)							
N.W. fcy. 24/2½							
Sept. 1	7.00	8.05	8.75	8.50	9.40	12.45-12.65	11.25
Jan. 1	7.00	10.25-10.40	8.75	9.40	9.40	12.45-12.65	12.00
Apr. 1	7.00	10.40	8.50-8.75	9.40	9.40	12.65	12.00
July 1	7.00	10.40	8.50-8.75	9.60	9.40	12.65	n.a.
6/10							
Sept. 1	6.75	8.75	8.35	8.20	8.70	10.35-10.55	9.60-10.00
Jan. 1	6.75	9.00-9.60	8.35	8.40-8.70	8.75	10.35-10.55	9.85
Apr. 1	6.75	9.00	8.20-8.35	8.70	8.70	10.55	9.85
July 1	6.75	10.00	8.20-8.35	8.70	8.50	10.55	n.a.

JUICES

APPLE							
East 12/1 qt. gl.							
Oct. 1	4.60	4.75	4.10-4.85	5.25	5.85	6.40	7.25-8.25
Jan. 1	4.30	4.75	3.75	5.25	5.85	6.40	7.25-8.25
Apr. 1	3.85	4.60	4.25	5.22	5.85	6.60	6.50-6.95
July 1	5.25	4.75	4.97	5.47	5.85	6.95	n.a.
12/46 oz. tin							
Oct. 1	5.90	5.75	5.25-5.40	7.25	7.25	8.50	9.40
Jan. 1	5.95	5.75	5.25	7.25	7.45	8.50	9.40
Apr. 1	5.50	5.25	5.60	7.25	7.90	8.75	9.75
July 1	6.75	5.75	6.72	7.25	8.20	9.35-9.75	n.a.
GRAPEFRUIT							
Fla. 12/46 oz.							
Nov. 1	4.25-4.40	4.95	4.50	4.40	5.25	5.25	7.50-7.60
Jan. 1	4.25-4.40	4.95	4.50	4.40	5.50	5.75	7.50-7.60
Apr. 1	4.25-4.40	4.95	4.50	5.00	5.25	6.00	7.50-7.60
July 1	4.25	4.65	4.50	5.00	5.25	6.00-6.35	n.a.
ORANGE							
Fla. 12/46 oz.							
Nov. 1	4.00-4.15	4.95	5.45	5.20	6.10	8.25	8.00
Jan. 1	4.00-4.15	5.30	5.05	5.20	7.25	8.25	8.00-8.10
Apr. 1	4.00-4.15	5.30	5.05	5.50	7.35	8.00	7.35
July 1	4.10-4.25	5.30	5.60	5.50	7.35	8.00	n.a.
BLENDED GRAPEFR. & ORANGE							
Fla. 12/46 oz.							
Nov. 1	4.15-4.30	4.95	5.15	4.60	5.45-5.50	7.00	7.60
Jan. 1	4.15-4.30	5.15	4.85	4.60	6.50	7.00	7.60
Apr. 1	4.15-4.30	5.15	4.85	5.25	6.10	7.00	.....
July 1	4.00-4.25	5.15	4.85	5.25	6.10	7.00-7.15	n.a.
PINEAPPLE							
Haw., fcy. 12/46 oz.							
July 1	3.10-3.35	4.35-4.50	5.30	5.25	6.25	6.75	7.65
Oct. 1	3.10-3.35	5.30	6.00	5.25	6.25	6.75	7.65
Jan. 1	3.35-3.60	5.30	5.30	6.00	6.25	6.75	8.95
Apr. 1	3.35-3.60	5.30	5.30	6.25	6.25	6.75	8.60-9.10

CANNED FOOD PRICES—Continued

	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80
TOMATO JUICE							
East fcy. 12/46 oz.							
Sept. 1	3.75	5.30-5.55	5.25	5.40	5.25	6.50	6.25
Jan. 1	4.15-4.40	5.55-6.10	5.40	5.55	5.25	6.50	6.25-6.75
Apr. 1	4.30-4.40	5.55-6.10	5.40	5.25	5.75	6.25	6.25-6.75
July 1	4.65	5.50-5.75	5.40	5.25	6.00	6.25	n.a.
Midwest fcy. 12/46 oz.							
Sept. 1	3.90	5.35-5.75	5.60-5.80	5.25-5.75	5.25	6.50	6.50
Jan. 1	4.25-4.40	5.50-5.75	5.40	5.50-5.75	5.25-5.50	6.25-6.50	6.25-6.40
Apr. 1	4.30	5.50-5.75	5.25	5.25-5.75	5.75	6.50	6.25-6.75
July 1	4.50	5.50-5.60	5.25-5.35	5.25-5.75	6.00	6.50	n.a.
Calif., fcy. 12/46 oz.							
Sept. 1	3.65	5.00	5.14	4.90	5.35	5.90	5.90
Jan. 1	3.90	5.20	4.66	5.50	5.00	5.65-5.90	5.65-6.00
Apr. 1	3.95	5.20	4.90	5.75	5.00-5.65	5.90	5.65-5.90
July 1	3.95	5.20	4.60	5.75	5.50	5.90	n.a.

FISH

SALMON							
Alaska Red, 48/15½ oz.							
Sept. 1	nominal	112.00	88.00	78.00	86.00	90.00	105.00
Jan. 1	nominal	88.00-103.00	86.00	85.00	95.00	90.00	106.00
Apr.	nominal	88.00-103.00	88.00	88.00	90.00	92.00	106.00
July 1	nominal	85.00-95.00	88.00	100.00	90.00	100.00	n.a.
Med. Red, 48/15½ oz.							
Sept. 1	nominal	.....	75.00	70.00	80.00	.....	.....
Jan. 1	nominal	86.00	70.00	70.00	85.00	.....	.....
Apr. 1	nominal	86.00	72.00	70.00	.....	.....	.....
July 1	nominal	75.00	70.00	70.00	n.a.	.....	n.a.
Pink, 48/15½ oz.							
Sept. 1	nominal	72.00	70.00	66.00	61.00	58.00	72.00
Jan. 1	nominal	70.00	68.00	66.00	62.00	58.00	76.00
Apr. 1	nominal	70.00	68.00	63.00	58.00	62.00	76.00
July 1	nominal	70.00	68.00	66.00	61.00	72.00	n.a.
Chum, 48/15½ oz.							
Sept. 1	nominal	66.00	60.00	59.00	57.00	56.00	68.00
Jan. 1	nominal	66.00	60.00	59.00	57.00	55.00	70.00
Apr. 1	nominal	66.00	60.00	60.00	55.00	58.00	70.00
July 1	nominal	64.00	64.00	60.00	55.00	62.00	n.a.
SARDINES							
Maine, 100/¼ oil keyless							
Sept. 1	17.10	22.10	22.10	23.00	23.00	*16.25	.....
Jan. 1	18.10	22.10	23.00	23.00	27.00	*17.10	.....
Apr. 1	18.10	22.10	23.00	23.00	27.00	*17.10	17.05
July 1	19.10	22.10	23.00	23.00	27.00	*16.00-17.00	n.a.
SHRIMP, Reg., 24/4½ oz. deveined							
Large							
Sept. 1	.....	.....	24.00	29.50	37.00-39.00	.....	.....
Jan. 1	32.00	24.00-26.00	29.50	34.00-35.50	37.00	.....	.....
Apr. 1	32.00	24.00-26.00	29.50	.....	.....	.....	.....
July 1	31.50-32.00	24.00	29.50	37.00	n.a.	.....	n.a.
Medium							
Sept. 1	.....	21.50-22.00	20.00	28.00-29.00	31.00-33.00	32.00	39.00
Jan. 1	28.50	21.00-22.00	26.00-27.00	29.00-30.00	31.00-32.00	33.00	.....
Apr. 1	28.50	20.00-22.00	26.00-27.00	31.00-32.00	31.00-33.00	33.00-34.00	.....
July 1	27.00-28.50	20.00	27.00-28.00	31.50-32.50	31.00-33.00	39.00	n.a.
TUNA							
Fcy. wh. meat 48/½'s							
Sept. 1	24.50	28.00-28.50	26.50-27.00	33.00-33.50	37.00-37.50	40.00	42.50
Jan. 1	27.50-28.00	27.50-28.00	27.00-27.50	37.00-37.50	37.00-37.50	40.50	44.50
Apr. 1	27.50-28.00	26.50-27.00	29.00-29.50	37.00-37.50	37.00-37.50	38.00	47.50
July 1	27.50-28.00	26.50-27.00	31.00-31.50	37.50	37.00-37.50	40.50	n.a.
Fcy. Lgt. meat 48/½'s							
Sept. 1	20.50	23.50	22.50	25.50	30.50	32.50	36.50
Jan. 1	22.00	22.00	23.00	25.50	30.50	31.50	39.50
Apr. 1	22.00	23.50	24.50	28.50	30.50	31.00	42.50
July 1	22.00	23.00	25.50	30.50	31.50	35.50	n.a.

*50/¼ oil keyless - 3¾ oz. E.O.

THE ALMANAC

OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

Section X

INTERNATIONAL TRADE AND WORLD PACKS

CANNED, FROZEN AND PRESERVED FOODS

U.S. EXPORTS CANNED AND FROZEN FOODS

Source: Bureau of the Census, U.S. Department of Commerce

Courtesy & Cooperation, National Food Processors Assn.

	1976		1977		1978		1979	
	1,000 Gallons	Value $1,000	1,000 Gallons	Value $1,000	1,000 Gallons	Value $1,000	1,000 Gallons	Value $1,000
FRUIT JUICES								
Not Concentrated:								
Grapefruit	5,172	6,917	5,695	8,112	3,907	6,049	3,803	6,576
Orange	10,596	14,135	10,504	15,605	9,203	16,971	9,263	19,382
Other Citrus & citrus Mix.	645	876	716	737	2,261	2,905	1,901	3,135
Grape	n.a.	n.a.	n.a.	n.a.	1,304	2,151	1,829	3,854
Pineapple	1,436	2,349	1,947	2,656	2,203	3,427	1,810	3,386
Other	n.a.	n.a.	n.a.	n.a.	4,994	8,812	4,868	8,023
Total Not Concentrated	*24,138	*32,485	*25,782	*35,768	23,871	40,315	23,474	44,356
Frozen Concentrate:								
Grapefruit	1,328	4,311	2,030	7,566	4,537	9,886	5,729	14,804
Orange, containers less than 32 oz	15,882	57,254	8,700	41,693	26,898	45,773	30,508	51,778
Orange, cont. 32 oz-1 gal			1,994	8,832	3,815	7,915	5,115	9,581
Orange, containers more than 1 gal			5,081	19,702	5,879	15,838	7,241	19,543
Other orange			n.a.	n.a.	4,178	6,220	4,514	7,070
Grape	n.a.	n.a.	n.a.	n.a.	256	748	243	1,137
Other	n.a.	n.a.	n.a.	n.a.	1,802	3,659	2,407	4,537
Total Frozen Concentrate	*19,230	*69,171	*20,916	*87,323	47,366	90,039	55,758	108,447
Concentrate, not frozen (hot pack):								
Grapefruit	319	1,307	295	1,016	1,305	2,656	1,290	2,626
Orange	1,432	6,097	1,638	7,935	4,092	12,284	3,427	11,793
Other citrus & citrus mix.	n.a.	n.a.	n.a.	n.a.	807	2,275	828	2,609
Grape	n.a.	n.a.	n.a.	n.a.	2,053	2,709	2,461	4,492
Pineapple	94	285	198	688	608	1,229	565	1,134
Other	n.a.	n.a.	n.a.	n.a.	2,380	5,598	3,260	4,839
Total Concentrate, not frozen	4,373	15,969	4,907	18,968	11,245	26,751	11,832	27,493
VEGETABLE JUICES								
Tomato	5,560	7,159	4,933	7,691	3,654	8,089	2,949	6,368
Other vegetable juices	1,422	3,072	960	2,228	887	1,637	1,162	2,166

See notes at end of table.

U.S. EXPORTS CANNED AND FROZEN FOODS—Continued

	1976		1977		1978		1979	
	1,000 Pounds	Value $1,000	1,000 Pounds	Value $1,000	1,000 Pounds	Value $1,000	1,000 Pounds	Value $1,000
CANNED VEGETABLES								
Asparagus	2,709	1,372	2,449	1,581	3,465	2,385	4,115	3,334
Beans, dry	8,722	2,179	10,952	2,665	6,885	1,960	6,486	1,802
Beans, other	35,377	6,363	25,220	4,666	24,902	7,187	21,361	6,233
Corn	53,067	14,626	68,917	17,673	84,882	22,194	105,444	29,063
Peas	6,112	1,525	7,631	2,007	6,775	1,842	5,212	1,556
Mushrooms	n.a.	n.a.	n.a.	n.a.	677	658	473	451
Tomatoes	30,143	6,365	23,621	5,570	28,217	6,442	41,684	10,137
Tomato pulp	24,012	9,218	28,597	11,342	4,219	1,100	2,880	876
Tomato paste					26,649	10,913	38,332	16,155
Tomato sauce	8,816	2,331	6,117	1,874	5,739	1,756	7,395	2,132
Catsup & chili sauce	15,864	5,851	14,714	5,649	18,318	6,837	18,078	6,679
Other canned vegs.	n.a.	n.a.	n.a.	n.a.	31,362	11,649	33,780	12,969
Vegetable baby food	6,589	2,593	7,546	3,404	7,074	2,854	4,595	2,125
Total Canned Veg.	*230,366	*62,294	*238,471	*68,075	249,164	77,779	289,834	93,212
PICKLED VEGETABLES								
Cucumbers	5,814	1,636	7,852	2,205	8,824	2,343	8,516	2,154
Other pickled vegs.	n.a.	n.a.	n.a.	n.a.	7,210	3,484	4,708	2,010
FROZEN VEGETABLES								
Carrots	n.a.	n.a.	n.a.	n.a.	13,246	2,540	17,858	3,745
Corn	n.a.	n.a.	n.a.	n.a.	46,303	11,035	63,516	15,829
Peas	n.a.	n.a.	n.a.	n.a.	23,510	5,453	16,122	3,951
Potatoes, French fries	n.a.	n.a.	n.a.	n.a.	42,025	10,892	55,281	15,287
Potatoes, other	n.a.	n.a.	n.a.	n.a.	11,075	2,742	11,373	2,845
Other frozen vegs.	n.a	n.a.	n.a.	n.a.	38,952	12,520	43,762	14,838
Total Frozen Veg.	140,110	31,058	128,680	33,336	175,110	45,181	207,912	56,485
SOUPS								
Soup, dried or dehydr	2,067	1,950	2,024	2,058	2,660	2,902	2,373	3,170
Soup, other	28,222	9,874	30,430	9,873	36,901	14,285	33,784	13,739
CANNED FRUITS								
Apricots	2,715	951	2,356	767	4,907	1,491	2,998	1,247
Cherries, maraschino	2,881	1,602	2,569	1,674	4,120	2,594	7,239	4,102
Cherries, sweet	9,961	4,158	14,858	7,060	4,830	2,781	6,429	3,282
Cherries, tart					11,126	6,597	5,160	3,400
Berries	n.a.	n.a.	n.a.	n.a.	3,283	1,360	3,352	1,463
Grapefruit	1,635	442	1,774	530	2,234	619	1,979	623
Other citrus & citrus mix.	n.a.	n.a.	n.a.	n.a.	20,572	5,002	2,995	867
Olives, canned	2,979	2,024	3,085	2,248	2,466	2,266	4,156	3,694
Olives, other	429	283	483	262	1,374	704	1,577	797
Peaches	103,988	24,925	119,457	28,666	188,112	44,831	117,996	35,714
Pears	7,254	1,873	7,736	2,219	7,097	2,673	6,814	2,533
Pineapple	34,340	9,287	34,410	10,676	31,022	10,115	25,400	8,461
Other canned fruits	n.a.	n.a.	n.a.	n.a.	14,825	5,677	13,533	5,063
Mixtures, non-citrus	*80,534	*22,742	*94,291	*27,350	95,423	31,107	102,732	37,584
Total Canned Fruits	*269,304	*75,825	*308,830	91,307	391,390	117,818	302,358	108,829
Baby food fruits	11,868	4,733	12,610	5,562	12,313	5,440	9,736	4,985
Other fruit pastes & pulps	4,511	878	6,139	1,232	14,971	4,539	15,959	5,912
Jams, marmalade, and fruit butter	5,088	2,445	6,073	3,020	8,088	4,495	8,503	5,185
FROZEN FRUITS								
Blueberries	22,279	8,542	11,003	4,166	1,147	415	1,871	924
Strawberries					9,535	3,586	5,159	2,443
Other frozen berries					4,597	1,404	5,174	1,726
Cherries, sweet	11,750	3,983	8,252	2,983	5,276	2,381	4,510	2,361
Cherries, tart					1,735	848	1,487	914
Other frozen fruits	2,870	681	2,843	852	2,891	1,155	11,793	3,012
Total Frozen Fruits	36,899	13,206	22,097	8,001	26,182	9,789	29,993	11,381
CANNED FISH								
Salmon, dried, salted or smoked	*19,588	*33,865	*21,275	*34,031	2,105	3,425	4,000	6,707
Salmon, other					30,409	45,815	46,719	85,210
Sardines	*1,829	*1,556	*1,186	*855	1,555	1,533	1,590	1,180
Other canned fish	n.a.	n.a.	n.a.	n.a.	9,560	10,446	648	667
Fish balls, cakes, puddings, pastes, and sauces	n.a.	n.a.	n.a.	n.a.	895	638	280	264
Total Canned Fish	*32,959	*47,627	*34,706	*49,717	44,523	61,856	53,237	94,027

See notes at end of table.

U.S. EXPORTS CANNED AND FROZEN FOODS—Continued

	1976		1977		1978		1979	
	1,000 Pounds	Value $1,000	1,000 Pounds	Value $1,000	1,000 Pounds	Value $1,000	1,000 Pounds	Value $1,000
CANNED SHELLFISH								
King crab	n.a.	n.a.	n.a.	n.a.	462	3,076	866	3,898
Shrimp	7,769	14,685	8,966	18,066	5,984	12,084	5,469	12,391
Squid	7,914	2,095	5,045	1,411	10,566	3,349	8,382	2,447
Other, incl shellfish juices	n.a.	n.a.	n.a.	n.a.	1,654	6,001	1,653	4,391
Total Canned Shellfish	*18,695	*23,364	*16,741	*26,649	*18,667	24,510	16,370	23,126
CANNED MEATS								
Poultry	n.a.	n.a.	n.a.	n.a.	2,960	2,401	3,877	4,150
Sausages	2,551	2,534	3,784	3,430	2,171	2,195	1,707	1,882
Pork (except sausage)	n.a.	n.a.	3,991	3,266	6,464	9,624	2,476	3,033
Beef and veal	n.a.	n.a.	n.a.	n.a.	5,061	3,765	3,583	3,087
Other canned meats	n.a.	n.a.	n.a.	n.a.	3,636	2,500	3,409	2,356
Total Canned Meats	*20,205	*12,287	*22,805	*16,588	20,292	20,485	15,052	14,508
CANNED MILK								
Evaporated	44,499	12,508	28,786	8,262	32,997	9,714	38,917	12,793
Condensed	4,441	1,623	4,129	1,263	3,204	907	2,233	749

*Data for 1976 and 1977 are not comparable with 1978 and 1979 due to revision of Export Statistical Classifications. n.a.-Not available.

CONVERTING POUNDS TO APPROXIMATE CASES: FRUITS & VEGETABLES: To 24/303's divided by 24; to 24/2's divided by 30; to 24/2½'s divide by 45.

U.S. IMPORTS OF CANNED & FROZEN FOODS

Source: Bureau of the Census, U.S. Department of commerce;
National Marine Fisheries Service, U.S. Department of commerce
Courtesy & Cooperation, National Canners Assn., Div. of International Trade

	1976		1977		1978		1979	
	1,000 Pounds	Value $1,000	1,000 Pounds	Value $1,000	1,000 Pounds	Value $1,000	1,000 Pounds	Value $1,000
FRUITS, Prep. or pres.								
Apples and sauce	7,071	1,121	10,475	1,901	n.a.	n.a.	n.a.	n.a.
Apricots	297	117	331	180	548	215	1,019	408
Berries, other, canned, frozen	9,809	3,043	19,811	6,282	9,135	2,402	2,704	1,266
Blueberries, frozen	6,055	3,058	9,821	7,373	11,365	8,813	4,464	3,284
Cherries in brine	163	63	20	17	0	0	374	558
Cherries, canned or brandied	123	90	241	160	88	109	19	30
Cranges, Mandarin	73,913	20,614	75,697	25,870	8,856	2,321	8,559	2,533
Other citrus fruits	60,152	8,147	85,794	10,324	18	5	1	1
Figs	272	93	159	56	73	49	76	57
Grapes	29	15	23	9	46	22	48	41
Guavas	1,438	369	996	334	1,201	366	1,534	545
Olives (1,000 gallons)	10,175	34,722	15,145	71,741	18,350	76,377	14,914	74,898
Papayas	2,456	677	2,831	647	2,336	768	1,389	520
Peaches	156	55	96	28	84	33	560	180
Pears	34	22	74	35	50	31	46	26
Pineapple	368,010	76,974	387,645	85,335	381,502	87,233	450,237	106,237
Prunes, plums, etc.	2,034	1,421	1,956	1,495	210	205	207	206
Strawberries, Frozen	49,635	13,877	96,989	25,121	97,649	22,038	112,160	34,408
Fruits, other	1,422	678	1,553	832	1,336	791	1,561	1,021
Fruit Mixtures	6,427	1,706	15,192	4,061	18,899	4,758	16,418	5,099
JUICES (1,000 gallons)								
Apple and Pear	34,388	13,651	31,907	24,891	44,394	36,990	66,546	66,916
Grape	546	433	748	[illegible]	344	607	569	1,036
Lime	1,223	627	624	[illegible]	1,009	1,343	2,191	2,089
Orange conc.	31,402	10,139	47,926	26,602	150,741	109,238	160,018	109,967
Citrus, other	120	468	395	630	305	624	2,124	2,456
Pineapple	14,611	4,957	21,401	9,742	24,658	12,642	33,992	20,081
Other fruit	2,590	3,844	2,798	5,046	3,077	8,006	2,141	6,136
Vegetable	55	96	216	249	121	270	405	624

U.S. IMPORTS OF CANNED & FROZEN FOODS—Continued

	1976		1977		1978		1979	
	1,000 Pounds	Value $1,000	1,000 Pounds	Value $1,000	1,000 Pounds	Value $1,000	1,000 Pounds	Value $1,000
VEGETABLES, Prep. or Pres.								
Artichokes	11,136	3,951	9,888	5,671	19,518	11,759	17,982	11,335
Asparagus	6,029	2,828	10,573	6,256	5,766	3,846	5,162	3,819
Beans	1,158	479	1,063	567	1,695	892	2,232	916
Chickpeas or garbanzos	625	229	383	186	277	162	1,323	434
Mushrooms	67,344	59,346	74,005	79,675	88,297	95,083	92,370	93,727
Onions, in salt, brine or pickl	4,395	2,086	3,949	1,991	4,198	1,724	5,072	1,575
Onions, other	3,661	1,806	3,840	2,183	3,931	2,022	3,917	2,242
Peas	14,770	4,394	10,164	3,668	11,562	4,355	14,664	5,468
Pimientos	11,180	6,271	9,657	5,621	10,427	6,722	13,445	8,805
Sauerkraut	565	128	656	211	919	237	849	262
Tomato Paste & Sauce	55,237	12,392	65,198	16,202	58,107	15,044	44,847	12,194
Tomatoes	74,160	11,037	72,098	12,549	74,165	13,935	45,567	9,615
Vegetables, other, brine, etc	52,032	11,409	9,137	2,244	57,298	13,276	65,385	17,248
Vegetables, otherwise prep	44,906	12,155	53,164	16,396	57,202	18,575	57,138	18,899
SOUPS, Soup preparations	6,772	9,991	7,491	11,929	10,711	19,608	10,097	19,438
JAMS & JELLIES								
Orange Marmalade	1,695	783	1,818	890	2,070	1,143	1,922	1,167
Currant & Berry Jellies	3,919	2,014	3,807	2,335	1,934	1,432	1,886	1,594
Jellies, jams, marm., other	4,630	1,992	2,958	1,380	1,880	1,281	1,805	1,402
CANNED FISH								
Anchovies in oil	4,753	8,301	5,395	11,162	4,750	9,645	3,623	7,422
Anchovies not in oil	1,150	598	1,201	637	1,665	1,045	1,433	920
Herring in oil	127	119	118	112	72	113	112	173
Herring not in oil	12,118	8,199	10,841	8,380	7,635	8,315	7,077	9,481
Salmon in oil	4	18	7	37	4	5	1	3
Salmon not in oil	2,517	2,976	579	1,134	321	688	433	797
Sardines in oil	26,891	23,725	25,748	25,031	24,231	25,490	22,878	27,679
Sardines not in oil	26,982	13,092	24,288	12,430	24,486	14,580	26,878	16,299
Tuna in oil, albacore	288	417	178	311	207	432	627	743
Tuna in brine, albacore	34,898	45,863	15,678	24,441	17,124	26,232	14,729	22,474
Tuna in brine, other	23,707	21,222	18,775	19,906	34,451	37,157	38,347	41,854
Bonito and yellowtail, oil	64	73	17	25	168	157	300	224
Bonito and yellowtail, not in oil	57	52	1,358	1,007	220	207	71	67
Caviar & other roes	176	180	154	170	274	282	273	343
Fish cakes, balls, puddings	984	753	937	802	903	984	904	994
Fish paste and sauce	4,332	1,494	3,863	1,252	4,102	1,352	5,045	1,836
Pollock, smoked	18	34	9	19	26	53	7	29
Sturgeon roe	969	3,116	921	3,502	793	4,203	740	3,373
Other fish in oil	1,446	1,239	1,838	1,514	2,057	1,988	1,682	2,277
Other fish not in oil	32,305	7,300	6,394	2,822	10,877	4,255	15,331	5,723
CANNED SHELLFISH								
Abalone*	4,845	15,645	4,994	17,975	3,930	15,268	4,282	15,035
Clam chowder, juice, etc.	14	8	41	23	3	4	137	57
Clams, other	6,286	6,543	7,752	9,158	4,701	6,041	5,803	7,344
Clams, razor	2	1	6	3	35	44	27	26
Crab meat inc. paste	2,054	4,597	3,463	7,957	4,053	9,503	5,073	12,329
Lobster, American*	2,146	10,930	2,547	14,225	2,295	15,215	1,790	10,912
Lobster, spiny	719	2,968	337	1,371	125	455	134	743
Shrimp	2,350	2,646	2,809	3,203	2,739	3,370	4,288	8,230
Oysters and juice	14,425	10,745	19,159	17,908	23,522	24,547	19,075	18,320
Other canned shellfish	17,603	19,840	22,248	23,985	20,906	27,764	27,156	35,550
CANNED MEATS								
Beef sausages	230	165	3	6	.....	.....	70	79
Corned Beef	35,712	23,410	75,281	58,472	82,798	64,543	76,358	83,716
Beef, other	13,238	7,884	20,001	13,208	20,329	14,254	24,742	26,279
Pork hams & shoulders	267,193	414,154	25,526	374,738	262,427	427,580	236,001	380,120
Bacon	5,517	4,855	4,081	2,933	3,496	2,779	1,345	1,048
Other canned pork	14,234	14,913	9,800	8,956	11,955	14,871	12,914	13,572

n.a.-Not available at press time. *Includes some fresh. [1]Less than a thousand.

LEADING U.S. EXPORT MARKETS AND PRODUCTS

U.S. EXPORTS TO SPECIFIED COUNTRIES

SOURCE: United States Department of Agriculture, Foreign Agricultural Service, Fruit and Vegetable Division, Commodity Analysis Branch.

CANNED FRUITS

Basis 1,000 cases 24 no. 2½ cans (45 lbs.) Figures rounded - Calendar year

Country of Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
APRICOTS, CANNED										
Belgium-Lux	2	2	3	5	4	1	1	2	9	[1]
Germany, West ..	3	13	117	6	7	1	1	2	42	[1]
Netherlands	3	3	3	3	1	1	2	2	3	3
Sweden	4	2	4	2	3	1	1	2	1	1
United Kingdom .	[1]	[1]	1	26	[1]	1	1	[1]	1	[1]
Other Europe ...	10	5	6	12	2	2	3	10	5	3
Canada	31	35	19	26	21	12	20	12	10	28
Latin Amer.	2	2	2	3	3	1	3	1	4	5
Other	6	5	8	13	13	9	28	21	34	27
Total	61	67	161	96	54	29	60	52	109	67
CHERRIES, CANNED										
Belgium-Lux	[1]	[1]	78	29	48	101	25	67	38	12
Germany, West ..	[1]	3	169	208	120	300	111	124	156	71
Netherlands	1	.....	38	14	10	83	10	19	13	[1]
United Kingdom .	4	3	7	6	5	4	6	2	3	3
Other Europe ...	1	2	7	13	8	36	4	14	11	6
Canada	3	2	11	24	38	25	22	66	62	59
Latin Amer.	3	2	3	12	8	23	16	5	10	24
Other	7	12	11	24	20	25	27	33	62	83
Total	19	24	324	330	257	597	221	330	355	258
FRUIT COCKTAIL, CANNED										
Belgium-Lux	259	151	148	103	112	70	37	38	23	21
Germany, West ..	370	155	388	186	175	51	65	70	58	120
Netherlands	149	59	43	171	74	43	51	52	88	111
Sweden	139	103	89	137	94	85	106	95	92	98
Switzerland	177	121	168	184	142	162	119	113	119	121
United Kingdom .	165	77	81	310	177	72	22	77	25	8
Other Europe ...	184	152	141	200	116	131	138	159	151	112
Canada	781	705	731	780	910	925	898	947	904	931
Latin Amer.	50	53	61	74	63	56	64	82	120	92
Other	143	131	211	280	243	234	290	462	541	669
Total	2,417	1,707	2,061	2,425	2,106	1,829	1,790	2,095	2,121	2,283
PEACHES CANNED										
Austria	133	120	129	105	67	67	42	38	48	13
Belgium-Lux	221	144	99	97	108	69	98	52	75	40
Denmark	69	28	30	22	8	20	13	13	27	36
Germany, West ..	1,367	1,098	919	533	263	238	341	369	1,060	211
Netherlands	138	143	99	111	76	92	88	72	76	153
Norway	59	52	32	38	34	33	45	38	79	54
Sweden	171	115	74	102	106	69	82	84	88	103
Switzerland	265	103	135	111	110	61	27	25	103	21
United Kingdom .	62	10	10	87	21	17	4	9	204	13
Other Europe ...	65	87	66	194	58	94	54	26	63	58
Canada	994	967	953	964	1,160	1,017	1,001	1,121	1,089	1,031
Latin Amer.	31	24	34	91	31	48	34	53	70	134
Other	104	171	401	169	144	182	482	755	1,198	755
Total	3,679	3,062	2,981	2,624	2,186	2,007	2,311	2,655	4,180	2,622
PEARS, CANNED										
Belgium-Lux	2	2	2	5	11	6	5	2	2	1
Germany, West ..	86	114	181	51	45	2	2	8	13	2
Netherlands	4	6	4	3	3	7	3	5	6	4
Sweden	6	5	4	2	2	8	2	5	2	2
United Kingdom .	1	1	2	2	2	2	1	[1]	[1]	1
Other Europe ...	18	28	23	19	12	20	12	17	55	15
Canada	53	40	32	44	42	56	82	58	65	43
Latin Amer.	7	9	12	9	12	8	8	9	10	22
Other	17	20	30	70	81	36	46	68	49	61
Total	194	225	290	205	210	145	161	172	202	151
PINEAPPLE, CANNED										
Belgium-Lux	163	84	63	93	76	63	52	32	32	19
Germany, West ..	522	490	523	460	262	194	174	174	146	70
Netherlands	96	129	150	158	80	52	52	49	35	34
Sweden	15	11	13	4	3	10	3	2	39	25
Switzerland	91	33	61	53	50	42	26	26	12	22
United Kingdom .	74	88	76	110	39	23	16	20	15	13
Other Europe ...	330	355	388	410	248	200	162	77	59	20
Canada	147	136	190	261	167	229	235	341	271	251
Latin Amer.	5	7	8	7	8	5	2	2	7	37
Other	71	74	113	194	57	63	41	42	73	73
Total	1,514	1,407	1,585	1,750	990	881	763	765	689	564

[1]Less than 500 cases.

LEADING U.S. EXPORTS—CANNED VEGETABLES

Basis 1,000 cases 24/303 cans (24 lbs.). Figure rounded - Calendar year.

Country of Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
ASPARAGUS, CANNED										
Belgium-Lux	38	6	7	6	2	[1]	[1]	2	.....	.....
Germany, West	26	10	9	5	2	.....	.....	[1]	.....	9
Netherlands	11	4	2	1	[1]	[1]	[1]	[1]	[1]	.....
Sweden	54	22	12	13	19	8	7	7	8	5
Switzerland	12	3	1	4	6	1	[1]	.....	5	7
United Kingdom	32	38	45	57	29	42	60	24	32	41
Other Europe	80	64	43	48	40	20	14	23	18	15
Canada	7	3	5	.....	64	18	1	1	1	1
Latin Amer.	16	14	18	9	17	11	8	10	59	32
Other	36	23	17	26	34	20	23	35	21	68
Total	312	187	159	169	213	120	113	102	144	171
BEANS, STRING or STRINGLESS										
Germany, West	35	1	.....	2	1	4	964	514	45	33
Switzerland	31	16	25	10	39	12	18	4	9	14
Other Europe	53	22	5	7	12	14	162	182	33	29
Canada	13	7	8	22	28	50	12	10	12	4
Mexico	27	32	50	48	72	30	4	8	10	10
Other Latin Amer	30	33	41	54	85	56	47	58	328	216
Other	5	7	12	15	46	52	68	72	212	208
Total	194	118	141	158	283	218	1,275	848	649	514
CORN, CANNED										
Denmark	58	16	41	82	68	43	53	38	38	55
Germany, West	48	35	52	159	156	217	189	302	465	482
Sweden	49	23	29	114	96	79	90	90	124	104
United Kingdom	31	40	47	49	233	473	236	273	293	348
Other Europe	68	72	82	124	279	394	484	534	836	1,341
Canada	21	10	33	83	398	116	185	156	229	127
Mexico	42	63	72	91	133	93	89	116	101	104
Other Latin Amer	39	47	53	54	45	55	55	130	114	133
Japan	93	87	151	664	401	225	311	382	562	939
Other	198	221	289	524	335	386	519	1,516	990	761
Total	649	614	849	1,944	2,144	2,081	2,211	3,537	3,752	4,394
PEAS, CANNED										
Europe	1	4	7	1	6	8	32	11	4	4
Canada	4	.....	8	7	20	24	43	19	29	11
Panama	33	60	45	42	37	31	44	37	24	27
Venezuela	53	68	33	17	3	227	25	83	66	32
Other Latin Amer.	7	6	5	9	14	20	10	18	27	83
Other	62	76	75	100	132	131	101	152	132	60
TOTAL	160	214	173	176	212	441	255	320	282	217
TOMATOES, CANNED										
United Kingdom	1	[1]	[1]	1	3	2	.....	[1]	.....	20
Other Europe	2	2	77	36	5	21	10	5	3	16
Canada	732	692	713	859	941	953	1,160	909	1,039	1,340
Latin Amer.	11	7	4	4	12	15	21	3	8	213
Other	52	23	36	129	149	61	65	67	126	148
Total	798	724	830	1,029	1,110	1,052	1,256	984	1,176	1,737
TOMATO CONCENTRATES, CANNED										
Belgium-Lux	.....	3	3	11	2	9	1	9	7	3
United Kingdom	.....	7	2	82	17	3	3	9	2	1
Other Europe	.....	14	13	38	24	16	25	137	68	8
Canada	.....	302	403	940	1,472	789	1,059	1,650	968	1,309
Latin Amer.	.....	40	52	250	142	183	101	404	184	247
Japan	.....	8	78	293	226	47	47	145	122	176
Philippines	.....	6	.....	4	7	3	.....	15	11	7
Other	.....	48	91	188	391	130	132	188	165	274
Total	.....	428	642	1,806	2,281	1,180	1,368	2,557	1,525	2,025
TOMATO JUICE, CANNED										
Belgium-Lux	3	.....	3	1	1	.....	.....	.....	1	.....
Germany, West	[1]	2	.....	.....	[1]	[1]	.....	8	[1]	[1]
Sweden	2	5	4	7	2	3	1	1	2	2
Switzerland	6	3	4	2	2	1	2	3	1	.....
United Kingdom	1	1	1	4	3	3	.....	[1]	[1]	[1]
Other Europe	1	13	6	6	4	6	6	7	6	3
Canada	89	104	222	442	431	918	1,373	1,198	499	35
Latin Amer.	10	9	21	26	47	27	26	34	22	19
Japan	.....	.....	2	1	36	50	11	35	176	69
Saudi Arabia	31	6	20	48	111	150	217	220	262	68
Other	409	365	270	345	197	193	297	209	302	75
Total	552	508	553	882	834	1,351	1,933	1,715	1,271	271

[1]Less than 500 cases.

U.S. COMPETITION IN WORLD MARKETS

IMPORTS INTO SPECIFIED COUNTRIES BY COUNTRY OF ORIGIN

SOURCE: United States Department of Agriculture, Foreign Agricultural Service, Fruit and Vegetable Division, Commodity Analysis Branch.

SPECIFIED CANNED FRUITS

Importing Country and Country of origin	Calendar Year								
	1971	1972	1973	1974	1975	1976	1977	1978	1979
APPLES—*1,000 cases Basis 6 No. 10 cans*									
UNITED KINGDOM									
Netherlands	13	10	.....	27	31	.....	.....	n.a.	n.a.
Australia	38	41	33	3	8	.....	.....	n.a.	n.a.
Canada	68	125	8	.....	.....	.....	.....	n.a.	n.a.
Other	580	1,048	1,505	1,595	1,147	1,469	1,752	n.a.	n.a.
Total	699	1,224	1,546	1,635	1,186	1,469	1,752	n.a.	n.a.
UNITED STATES									
Canada	128	112	199	92	29	77	91	39	31
Italy	.....	.....	24	178	33	90	174	33	19
Japan	6	5	6	4	1	[1]	.....	.....	.....
Other	4	3	4	129	54	29	26	144	6
Total	138	120	233	403	117	196	291	216	56
APRICOTS—*1,000 cases basis 24 No. 2½ cans*									
CANADA									
Spain	5	7	3	11	9	7	6	11	n.a.
Australia	56	63	71	23	33	3	33	17	n.a.
South Africa	106	78	65	25	70	70	72	95	n.a.
Other	7	4	3	11	13	7	9	3	n.a.
Subtotal	174	152	139	59	112	80	111	123	n.a.
United States	26	17	9	17	11	19	13	7	n.a.
Total	200	169	151	87	136	106	133	133	n.a.
NETHERLANDS									
Spain	268	370	308	186	237	298	212	37	n.a.
South Africa	7	7	2	.....	2	27	21	.....	n.a.
Other	77	84	224	88	121	171	246	7	n.a.
Subtotal	352	461	534	274	360	496	481	44	n.a.
United States	4	3	3	2	1	2	4	.....	n.a.
Total	356	464	537	276	361	498	483	44	n.a.
UNITED KINGDOM									
Australia	143	154	[1]	[1]	68	21	9	17	n.a.
South Africa	248	223	[1]	[1]	188	174	255	275	n.a.
Spain	429	382	[1]	[1]	240	291	163	222	n.a.
Other	75	55	[1]	[1]	80	57	121	111	n.a.
Total	895	814	[1]	[1]	576	543	548	625	n.a.
CHERRIES—*1,000 Pounds*									
CANADA									
Italy	6,748	4,817	2,675	1,711	3,048	6,427	697	119	n.a.
Spain	.....	8	.....	.....	17	26	.....	15	n.a.
Other	77	16	105	.....	.....	.....	22	.....	n.a.
Subtotal	6,825	4,841	2,780	1,711	3,065	6,453	719	134	n.a.
United States	432	3,215	5,050	6,344	4,733	3,645	10,455	1,975	n.a.
Total	7,257	8,056	7,830	8,055	7,798	10,098	11,174	2,109	n.a.
UNITED KINGDOM[1]									
Italy	109	158	141	122	104	n.a.	n.a.	n.a.	n.a.
Netherlands	5	9	14	8	11	n.a.	n.a.	n.a.	n.a.
Other	1	6	11	12	2	n.a.	n.a.	n.a.	n.a.
Spain	.....	.....	.....	21	24	n.a.	n.a.	n.a.	n.a.
Total	115	173	166	163	141	n.a.	n.a.	n.a.	n.a.

[1]Included in canned pears. n.a.-Not available at press time.

IMPORTS INTO SPECIFIED COUNTRIES—FRUITS—Continued

Importing Country and Country of origin	Calendar Year								
	1971	1972	1973	1974	1975	1976	1977	1978	1979
CHERRIES—*Continued - 1,000 Pounds*									
UNITED STATES									
Sulphured or in Brine									
Italy	2,183	1,392	1,155	60	19	85	20	154	.....
Spain	192	.....	7	.....	.....	78	.....	.....	.....
Other	2	.....	.....	.....	.....	.....	27	.....	1
Subtotal	2,377	1,392	1,162	60	19	163	47	154	1
Maraschinos									
France	6,332	7,398	4,751	2,555	1,671	961	357	27	16
Italy	64	51	58	56	55	76	415	384	211
Other	131	130	97	110	150	216	188	143	1,005
Subtotal	6,527	7,579	4,906	2,721	1,876	1,253	960	554	1,232
Total	8,904	8,971	6,068	2,781	1,895	1,416	1,007	708	1,233
MIXED FRUITS—*1,000 cases basis 24 No. 2½ cans*									
CANADA									
Australia	152	264	250	142	126	137	117	224	n.a.
Other	14	25	36	27	47	34	37	36	n.a.
Subtotal	166	289	286	169	173	171	154	260	n.a.
United States	705	694	775	958	961	994	1,083	1,082	n.a.
Total	871	983	1,061	1,127	1,134	1,165	1,237	1,342	n.a.
NETHERLANDS									
Spain	12	12	16	11	4	6	.....	.....	n.a.
Other	403	432	670	669	386	477	.....	.....	n.a.
Subtotal	415	450	686	682	390	483	417	388	n.a.
United States	63	75	113	95	29	47	33	88	n.a.
Total	478	525	799	776	419	530	450	476	n.a.
UNITED KINGDOM									
Spain	583	682	784	697	485	478	193	83	n.a.
Australia	800	768	905	421	366	275	28	98	n.a.
South Africa	692	912	1,165	870	955	818	575	722	n.a.
Other	73	39	60	80	88	72	179	464	n.a.
Subtotal	2,148	2,401	2,914	2,068	1,894	1,643	975	1,367	n.a.
United States	78	78	301	186	73	30	36	45	n.a.
Total	2,226	2,479	3,215	2,254	1,967	1,673	1,011	1,412	n.a.
PEACHES—*1,000 cases basis 24 No. 2½ cans*									
CANADA									
Australia	201	335	392	138	268	199	255	358	n.a.
South Africa	133	88	163	62	107	24	5	35	n.a.
Other	3	.....	.....	.....	.....	2	.....	2	n.a.
Subtotal	337	423	555	200	375	225	260	395	n.a.
United States	996	842	926	1,192	1,074	1,129	1,274	1,209	n.a.
Total	1,333	1,265	1,481	1,392	1,449	1,354	1,534	1,604	n.a.
GERMANY, WEST									
Argentina	189	409	15	56	.....	151	67	51	n.a.
Australia	345	389	529	338	13	38	108	.....	n.a.
Bulgaria	129	121	108	67	87	127	65	98	n.a.
Greece	922	1,269	1,886	1,571	326	2,327	2,142	2,491	n.a.
Italy	359	358	324	569	547	598	481	466	n.a.
Spain	88	125	216	81	49	49	35	4	n.a.
South Africa	478	842	775	437	656	1,296	432	626	n.a.
Other	84	49	40	20	52	128	59	39	n.a.
Subtotal	2,594	3,562	3,893	3,139	1,730	4,714	3,389	3,775	n.a.
United States	867	672	686	213	94	216	342	1,052	n.a.
Total	3,461	4,234	4,579	3,352	1,824	4,930	3,731	4,827	n.a.
NETHERLANDS									
Argentina	3	17	.....	.....	2	83	51	14	n.a.
Other	332	439	313	175	309	515	414	556	n.a.
Subtotal	335	456	313	175	311	598	465	570	n.a.
United States	129	91	66	73	65	89	67	75	n.a.
Total	464	547	379	248	376	687	532	645	n.a.
SWEDEN									
Argentina	.....	1	.....	95	23	74	124	111	n.a.
South Africa	52	120	74	55	66	169	73	83	n.a.
Other	117	118	185	121	127	72	57	33	n.a.
Subtotal	169	239	259	271	216	315	254	227	n.a.
United States	142	119	124	103	78	91	107	121	n.a.
Total	311	358	383	374	294	406	361	348	n.a.

[1]In casks without sugar. n.a.-Not available at press time.

IMPORTS INTO SPECIFIED COUNTRIES—FRUITS—Continued

Importing Country and Country of origin	Calendar Year								
	1971	1972	1973	1974	1975	1976	1977	1978	1979
PEACHES—*Continued*									
UNITED KINGDOM									
Spain	.....	.....	.....	93	55	12	.....	.....	n.a.
Australia	1,527	1,142	1,408	572	637	519	362	353	n.a.
Canada	.....	.....	.....	.....	.....	.....	.....	.....	n.a.
South Africa	2,655	2,633	3,174	2,616	2,542	3,071	2,796	2,140	n.a.
Other	107	74	186	66	39	88	469	568	n.a.
Subtotal	4,289	3,849	4,768	3,347	3,273	3,690	3,627	3,061	n.a.
United States	.....	.....	.....	.....	11	3	4	225	n.a.
Total	4,289	3,849	4,768	3,347	3,284	3,693	3,631	3,286	n.a.
PEARS—*1,000 cases basis 24 No. 2 1/2 cans*									
CANADA									
Australia	412	525	307	306	210	244	278	351	n.a.
Other	31	36	7	7	30	17	13	.....	n.a.
Subtotal	443	561	314	313	240	261	291	.....	n.a.
United States	92	68	39	31	45	69	80	51	n.a.
Total	535	629	353	344	285	330	371	402	n.a.
SWEDEN									
Italy	82	78	56	86	68	83	42	14	n.a.
Netherlands	14	5	1	1	.....	.....	.....	.....	n.a.
Other	94	124	148	136	135	179	161	192	n.a.
Subtotal	190	207	205	223	203	262	203	206	n.a.
United States	3	5	5	5	4	6	8	5	n.a.
Total	193	212	210	228	207	268	211	211	n.a.
UNITED KINGDOM[2]									
Italy	433	253	189	224	331	381	285	136	n.a.
Australia	1,523	1,267	1,666	1,119	589	909	416	607	n.a.
South Africa	860	1,048	1,493	1,124	965	1,586	1,226	904	n.a.
Other	36	34	649	663	165	166	147	25	n.a.
Subtotal	2,852	2,602	3,997	3,130	2,050	3,042	2,074	1,672	n.a.
United States	.....	.....	.....	.....	.....	.....	.....	.....	n.a.
Total	2,852	2,602	[2]3,997	[2]3,130	2,050	3,042	2,074	1,672	n.a.
PINEAPPLE—*1,000 cases basis 24 No. 2 1/2 cans*									
BELGIUM LUX									
Philippines	126	86	106	75	55	80	70	80	n.a.
Taiwan	137	163	91	53	26	17	4	.....	n.a.
Other	136	169	167	239	208	325	306	332	n.a.
Subtotal	399	418	364	367	289	422	380	412	n.a.
United States	117	60	100	71	71	60	32	31	n.a.
Total	516	478	464	[3]438	360	482	412	443	n.a.
CANADA									
Australia	111	96	96	95	87	95	40	51	n.a.
Malaysia	.....	.....	8	.....	66	122	34	26	n.a.
Mexico	48	7	12	12	3	4	7	14	n.a.
South Africa	149	167	191	204	169	177	64	130	n.a.
Other	911	750	777	584	859	741	643	919	n.a.
Subtotal	1,219	1,020	1,084	895	1,184	1,139	788	1,140	n.a.
United States	164	178	191	157	191	219	337	257	n.a.
Total	1,383	1,198	1,275	1,052	1,375	1,358	1,125	1,397	n.a.

[2]Includes Apricots. [3]From 1974-78 with & without sugar are added together. n.a.-Not available.

1980-81
DIRECTORY
OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

Listing 1,861 companies, 2,684 factories, 10,002 names of key personnel, 3,583 brands, plus container sizes, associations, products by factory and process.

For Immediate Shipment Phone Today!
301—876-7150 $60 each

order from
THE C F P DIRECTORY
P.O. Box 550 Westminster, Md. 21157 USA

IMPORTS INTO SPECIFIED COUNTRIES—FRUITS—Continued

Importing Country and Country of origin	Calendar Year								
	1971	1972	1973	1974	1975	1976	1977	1978	1979
PINEAPPLE—*Continued - 1,000 cases basis 24 No. 2 1/2 cans*									
DENMARK									
China	38	38	42	24	21	16	11	13	n.a.
Malaysia	8	5	4	4	3	8	7	7	n.a.
South Africa	15	29	13	9	23	21	17	11	n.a.
Taiwan	45	28	23	17	18	5	.....	3	n.a.
Other	21	45	63	60	60	109	134	154	n.a.
Subtotal	127	145	145	114	125	159	170	189	n.a.
United States	10	9	23	13	15	2	2	2	n.a.
Total	137	154	168	127	140	161	171	190	n.a.
FINLAND									
China	9	6	8	11	33	16	11	13	n.a.
Malaysia	4	3	2	1	.....	1	1	2	n.a.
South Africa	17	20	13	16	25	16	12	5	n.a.
Other	39	52	56	48	53	49	54	60	n.a.
Subtotal	69	81	79	76	111	82	78	80	n.a.
United States	40	29	53	9	38	28	28	.....	n.a.
Total	109	110	132	85	149	110	106	80	n.a.
FRANCE									
Martinique	355	353	395	389	455	503	333	245	376
Ivory Coast	757	967	1,074	1,101	805	1,006	941	1,064	874
Other	58	21	19	15	14	21	220	622	432
Subtotal	1,170	1,341	1,488	1,505	1,274	1,530	1,494	1,931	1,682
United States	229	265	256	138	100	117	63	53	13
Total	1,399	1,606	1,744	1,643	1,374	1,647	1,557	1,984	1,695
WEST GERMANY									
Kenya	101	139	135	104	285	336	555	694	n.a.
Malaysia	209	171	97	235	134	192	143	81	n.a.
Mexico	.....	.....	.....	5	.....	54	168	280	n.a.
Philippines, Rep. of	581	633	602	190	123	494	393	454	n.a.
Taiwan	1,242	649	738	354	201	123	5	.....	n.a.
South Africa	634	909	627	383	623	530	218	366	n.a.
Other	824	1,243	1,265	1,449	1,967	2,095	1,906	2,103	n.a.
Subtotal	3,591	3,744	3,464	2,720	3,333	3,824	3,388	3,978	n.a.
United States	564	490	514	229	193	120	127	123	n.a.
Total	4,155	4,234	3,978	2,949	3,526	3,944	3,515	4,101	n.a.
JAPAN									
Taiwan	613	614	492	371	96	237	326	45	n.a.
Other	1,981	949	542	808	296	429	695	74	n.a.
Subtotal	2,594	1,563	1,034	1,179	392	666	1,021	119	n.a.
United States	19	57	98	17	1	8	13	.....	n.a.
Total	2,613	1,620	1,132	1,196	393	674	1,034	119	n.a.
NETHERLANDS									
Philippines, Rep. of	186	175	149	136	73	91	103	153	n.a.
South Africa	9	11	6	7	14	12	12	.....	n.a.
Taiwan	137	78	90	45	27	21	14	11	n.a.
Other	236	226	325	245	354	468	489	416	n.a.
Subtotal	568	490	570	433	468	592	618	580	n.a.
United States	113	93	98	60	34	33	34	25	n.a.
Total	681	583	668	493	502	625	652	605	n.a.
NEW ZEALAND[1]									
Australia	47	49	29	39	44	58	60	60	n.a.
Malaysia	181	229	209	191	130	135	155	126	n.a.
Other	36	37	120	107	61	62	35	60	n.a.
Total	264	335	358	337	235	255	250	246	n.a.
SWEDEN									
Malaysia	9	38	33	6	12	39	21	7	n.a.
Philippines, Rep. of	205	230	283	189	142	145	159	220	n.a.
Taiwan	43	33	18	14	8	3	.....	.....	n.a.
South Africa	8	14	21	14	18	54	42	41	n.a.
Other	25	94	89	68	76	157	99	80	n.a.
Subtotal	290	409	444	291	256	398	321	348	n.a.
United States	17	22	5	5	10	8	4	35	n.a.
Total	307	431	449	296	266	406	325	383	n.a.

[1]Beginning July 1 of year shown. n.a.-Not available at press time.

IMPORTS INTO SPECIFIED COUNTRIES—FRUITS—Continued

Importing Country and Country of origin	Calendar Year								
	1971	1972	1973	1974	1975	1976	1977	1978	1979
PINEAPPLE—*Continued - 1,000 cases basis 24 No. 2 1/2 cans*									
UNITED KINGDOM									
Australia	26	42	35	.....	.....	.....	.....	.....	n.a.
Kenya	154	152	239	82	81	221	295	269	n.a.
Malaysia	467	339	445	749	478	773	832	793	n.a.
Philippines	298	259	213	253	240	148	248	166	n.a.
South Africa	887	949	825	667	635	508	468	495	n.a.
Taiwan	56	66	87	40	23	.....	.....	.....	n.a.
Other	668	817	853	508	581	138	412	192	n.a.
Subtotal	2,556	2,624	2,697	2,299	2,038	1,788	2,255	1,915	n.a.
United States	72	54	99	12	18	17	9	.....	n.a.
Total	2,628	2,678	2,796	2,311	2,056	1,805	2,264	1,915	n.a.
UNITED STATES									
Malaysia	372	422	246	159	315	252	197	133	270
Mexico	533	544	458	403	338	604	680	793	624
Philippines, Rep. of	2,587	2,275	2,440	2,509	4,109	4,832	4,863	4,651	5,282
South Africa	89	120	76	130	161	137	135	148	166
Taiwan	1,583	1,661	1,077	919	761	624	388	190	476
Other	607	524	643	684	1,226	1,729	2,351	2,563	3,187
Total	5,771	5,546	4,940	4,804	6,910	8,178	8,614	8,478	10,005
FROZEN ORANGE CONCENTRATE—*1,000 gallons*									
CANADA									
Mexico	496	317	647	732	181	254	911	566	n.a.
U.S.	3,748	4,309	5,059	5,851	6,303	7,697	7,047	6,396	n.a.
Other	2,087	2,512	2,971	1,913	4,766	4,104	4,031	7,920	n.a.
Total	6,331	7,138	8,677	8,496	11,250	12,055	11,989	14,882	n.a.
CANNED ORANGE JUICE—*Basis: 1,000 cases 12 46 oz. cans*									
CANADA									
Belize	115	52	23	42	27	.....	.....	.....	n.a.
Israel	30	10	16	3	.....	1	.....	.....	n.a.
Trinidad	1	2	.....	1	1	1	.....	.....	n.a.
S. Africa	.....	.....	.....	.....	.....	.....	.....	.....	n.a.
U.S.	996	970	1,118	1,279	1,361	1,441	1,511	1,639	n.a.
Other	7	2	1	.....	.....	.....	1	5	n.a.
Total	1,149	1,036	1,158	1,325	1,389	1,443	1,512	1,644	n.a.
CANNED GRAPEFRUIT JUICE—*Basis: 1,000 cases 12 46 oz. cans*									
CANADA									
Trinidad	1	2	.....	1	.....	.....	.....	.....	n.a.
U.S.	700	707	784	791	723	749	791	934	n.a.
Other	10	10	11	1	.....	1	3	.....	n.a.
Total	711	719	795	793	723	750	794	934	n.a.

CANNED VEGETABLES

1,000 cases, equiv. 24/303's (24 lbs.)

Calendar Year	1971	1972	1973	1974	1975	1976	1977	1978	1979
ASPARAGUS									
CANADA									
France	[1]	[1]	[1]	[1]	[1]	[1]	[1]	.....	n.a.
Taiwan	23	34	32	35	45	51	34	53	n.a.
United States	5	1	[1]	[1]	[1]	.....	[1]	[1]	n.a.
Other	1	.....	1	.....	1	1	1	1	n.a.
Total	29	35	33	35	46	52	35	54	n.a.
BELGIUM—Lux.									
Netherlands	4	15	16	26	16	47	22	37	n.a.
United States	8	10	4	2	[1]	[1]	2	[1]	n.a.
Other	469	430	404	499	331	422	346	376	n.a.
Total	481	455	424	527	347	469	370	413	n.a.
FRANCE									
Spain	312	356	219	203	249	503	425	309	126
United States	[1]	.....	1	[1]	.....	[1]	1	1	[1]
Other	1	.....	2	144	6	54	245	647	854
Total	313	356	222	347	255	557	671	957	980

[1]Less than 500 cases. n.a.-Not available at press time.

IMPORTS INTO SPECIFIED COUNTRIES, VEGETABLES—Continued

Importing Country and Country of origin	Calendar Year—1,000 Cases, Equiv. 24/303's (24 lbs.)								
	1971	1972	1973	1974	1975	1976	1977	1978	1979
ASPARAGUS—*Continued*									
GERMANY, WEST									
United States	12	19	8	.....	13	.....	.....	.....	n.a.
France	5	6	3	9	.....	2	1	1	n.a.
Netherlands	73	87	103	165	133	153	119	180	n.a.
Spain	40	200	105	97	67	169	121	88	n.a.
Peru	.....	6	.....	3	.....	.....	.....	.....	n.a.
Japan	56	39	40	11	14	9	12	8	n.a.
Taiwan	5,712	4,075	4,330	3,850	4,899	4,373	3,875	4,677	n.a.
Other	129	218	183	171	167	240	362	292	n.a.
Total	6,027	4,650	4,772	4,306	5,293	4,946	4,490	5,246	n.a.
NETHERLANDS									
Belgium-Lux	.....	.....	.....	.....	.....	.....	10	18	n.a.
Japan	7	2	.....	1	2	.....	2	.....	n.a.
Taiwan	351	214	327	417	271	338	294	393	n.a.
United States	1	1	.....	.....	.....	9	.....	.....	n.a.
Other	2	67	34	37	62	131	99	91	n.a.
Total	361	284	361	455	335	478	405	502	n.a.
NORWAY (Includes Artichokes)									
United States	10	6	11	2	6	5	6	7	n.a.
Other	86	82	103	85	65	90	126	92	n.a.
Total	96	88	114	87	71	95	132	99	n.a.
SWEDEN									
Japan	1	1	2	1	.....	.....	.....	.....	n.a.
United States	22	13	17	17	14	11	11	13	n.a.
Other	155	188	220	236	234	256	270	255	n.a.
Total	178	202	239	254	248	267	281	268	n.a.
SWITZERLAND									
Spain	6	2	4	6	1	2	1	n.a.	n.a.
Taiwan	413	390	394	512	283	256	293	n.a.	n.a.
United States	8	7	9	9	7	3	3	n.a.	n.a.
Other	71	74	60	76	68	188	163	n.a.	n.a.
Total	498	473	467	603	359	449	460	n.a.	n.a.
UNITED KINGDOM									
Canada	50	38	62	63	66	n.a.	n.a.	n.a.	n.a.
New Zealand	16	10	5	8	.....	n.a.	n.a.	n.a.	n.a.
Taiwan	62	55	101	63	32	n.a.	n.a.	n.a.	n.a.
United States	44	30	69	57	37	n.a.	n.a.	n.a.	n.a.
Other	15	16	52	17	17	n.a.	n.a.	n.a.	n.a.
Total	187	149	289	208	152	n.a.	n.a.	n.a.	n.a.
BEANS, GREEN OR WAX									
BELGIUM-LUX									
Netherlands	141	134	196	225	96	276	92	137	n.a.
Italy	27	36	29	41	57	59	59	28	n.a.
Other	449	707	455	679	1,050	832	562	570	n.a.
Total	617	877	680	945	1,203	1,167	713	735	n.a.
FRANCE									
Italy	12	2	.....	.....	109	281	137	56	66
Morocco	423	342	447	407	267	441	581	475	610
Spain	116	108	112	89	71	398	133	46	14
Other	11	35	35	67	13	149	417	44	176
Total	562	487	594	563	460	1,269	1,268	621	866
NETHERLANDS									
Belgium-Lux	.....	398	450	416	384	387	223	176	n.a.
France	135	253	317	281	186	52	25	45	n.a.
Italy	58	38	24	9	10	9	17	.....	n.a.
Other	717	860	867	896	985	993	706	623	n.a.
Total	904	1,549	1,658	1,602	1,565	1,441	971	844	n.a.
UNITED KINGDOM									
Belgium-Lux	24	29	26	20	3	n.a.	n.a.	n.a.	n.a.
Italy	13	12	21	21	.....	n.a.	n.a.	n.a.	n.a.
Africa, Rep. of	262	184	182	169	67	n.a.	n.a.	n.a.	n.a.
Other	412	301	241	368	141	n.a.	n.a.	n.a.	n.a.
Total	711	526	470	578	211	n.a.	n.a.	n.a.	n.a.

IMPORTS INTO SPECIFIED COUNTRIES, VEGETABLES—Continued

Importing Counry and Country of origin	Calendar Year—1,000 Cases, Equiv. 24/303's (24 lbs.)								
	1971	1972	1973	1974	1975	1976	1977	1978	1979
MUSHROOMS									
CANADA									
France	1	16	19	20	26	42	132	139	n.a.
United Kingdom	77	80	76	53	71	103	119	5	n.a.
China	129	165	104	148	226	287	428	411	n.a.
Japan	.....	8	34	17	.....	.....	6	4	n.a.
Taiwan	422	775	458	492	517	631	823	617	n.a.
United States	5	5	13	11	5	16	4	16	n.a.
Other	5	17	100	617	559	295	946	857	n.a.
Total	639	1,066	804	1,358	1,404	1,374	2,458	2,049	n.a.
GERMANY, WEST									
Belgium-Lux	268	177	143	169	257	190	240	229	n.a.
France	2,096	3,736	3,380	3,536	3,115	3,054	2,650	2,549	n.a.
Netherlands	1,898	2,440	2,737	2,288	2,325	2,696	2,980	3,203	n.a.
Japan	8	4	8	11	7	.....	.....	5	n.a.
South Korea	180	96	477	561	251	174	272	903	n.a.
Taiwan	2,019	1,557	2,346	1,452	1,697	719	951	1,364	n.a.
United States	1	.....	2	.....	.....	.....	.....	.....	n.a.
Other	140	53	630	2,055	1,610	1,737	1,836	2,283	n.a.
Total	6,610	8,063	9,723	10,072	9,262	8,570	8,929	10,536	n.a.
UNITED STATES									
France	41	80	39	22	14	31	15	18	8
Japan	41	51	46	53	71	71	45	37	22
Taiwan	1,028	1,517	1,295	1,252	1,460	1,676	2,040	2,051	1,886
Other	172	523	695	449	674	1,028	984	1,573	1,933
Total	1,282	2,171	2,075	1,776	2,219	2,806	3,084	3,679	3,849
CANNED PEAS									
BELGIUM-LUXEMBOURG									
France	273	529	463	356	266	617	262	293	n.a.
Netherlands	21	12	23	55	41	103	37	43	n.a.
Other	14	34	52	26	24	67	34	30	n.a.
Total	308	575	538	437	331	787	333	366	n.a.
FRANCE									
Belgium-Lux	30	54	233	234	181	94	117	113	184
Other	.....	3	5	1	4	1	10	.....	23
Total	30	57	238	235	185	95	127	113	207
NETHERLANDS									
Belgium-Lux	.....	1,289	1,362	1,270	1,314	1,438	997	838	n.a.
W. Germany	1	2	2	9	.....	37	18	39	n.a.
Other	268	586	749	741	757	780	644	810	n.a.
Total	269	1,877	2,113	2,020	2,071	2,255	1,659	1,688	n.a.
UNITED KINGDOM									
Belgium-Lux	30	27	28	35	19	n.a.	n.a.	n.a.	n.a.
Other	48	58	91	89	108	n.a.	n.a.	n.a.	n.a.
Total	78	85	119	124	127	n.a.	n.a.	n.a.	n.a.
CANNED TOMATOES									
CANADA									
Itlay	223	427	504	860	204	426	292	338	n.a.
Spain	526	639	450	575	471	705	771	963	n.a.
United States	705	723	995	1,097	1,180	1,452	1,077	1,184	n.a.
Other	268	187	364	578	1,527	1,413	640	393	n.a.
Total	1,724	1,976	2,313	3,110	3,382	3,996	2,780	2,878	n.a.
NETHERLANDS									
Belgium-Lux	.....	.....	.....	.....	.....	.....	5	49	n.a.
Bulgaria	3	3	2	7	5	4	10	20	n.a.
Czech	6	1	6	.....	.....	.....	.....	.....	n.a.
Hungary	122	89	177	130	74	.....	146	178	n.a.
Italy	348	333	434	539	421	782	599	512	n.a.
Switzerland	.....	.....	17	.....	.....	48	.....	.....	n.a.
Other	955	936	1,254	1,068	845	1,378	1,554	1,357	n.a.
Total	1,434	1,362	1,890	1,744	1,345	2,212	2,314	2,116	n.a.
SWITZERLAND[1]									
Bulgaria	20	17	10	35	10	.....	31	n.a.	n.a.
Italy	1,242	1,772	399	614	252	71	245	n.a.	n.a.
Portugal	285	384	497	370	195	26	67	n.a.	n.a.
Romania	18	.....	1	10	.....	.....	.....	n.a.	n.a.
Hungary	52	75	131	96	41	28	38	n.a.	n.a.
Other	358	273	475	350	249	486	354	n.a.	n.a.
Total	1,975	2,521	1,513	1,475	747	611	735	n.a.	n.a.
UNITED KINGDOM									
Bulgaria	1,115	1,259	1,340	913	498	n.a.	n.a.	n.a.	n.a.
Italy	5,178	7,489	5,654	7,835	5,749	n.a.	n.a.	n.a.	n.a.
Spain	2,266	1,673	2,570	2,726	2,655	n.a.	n.a.	n.a.	n.a.
Other	104	161	330	1,390	220	n.a.	n.a.	n.a.	n.a.
Total	8,663	10,582	9,894	12,864	9,122	n.a.	n.a.	n.a.	n.a.

[1]Beginning 1976 includes whole tomatoes only. n.a.-Not available at press time.

IMPORTS INTO SPECIFIED COUNTRIES, VEGETABLES—Continued

Importing Country and Country of origin	Calendar Year—1,000 Cases, Equiv. 24/303's (24 lbs.)								
	1971	1972	1973	1974	1975	1976	1977	1978	1979
CANNED TOMATOES—*Continued*									
UNITED STATES									
Italy	2,217	3,497	1,552	1,415	1,667	2,050	1,809	1,761	1,092
Mexico	48	22	235	165	150	12	28	24	31
Spain	1,794	2,082	1,553	678	854	738	699	946	511
Other	464	1,009	874	494	201	290	468	359	265
Total	4,523	6,610	4,214	2,752	2,872	3,090	3,004	3,090	1,899
TOMATO JUICE									
CANADA									
United States	48	100	264	91	86	183	158	96	n.a.
FRANCE									
Algeria	.....	.....	.....	.....	3	.....	.....	.....	n.a.
Other	58	48	88	97	176	166	363	190	n.a.
Total	58	48	88	97	179	166	363	190	n.a.
UNITED KINGDOM									
Canada	3	4	2	.....	.....	n.a.	n.a.	n.a.	n.a.
France	108	2	4	13	.....	n.a.	n.a.	n.a.	n.a.
Israel	858	1,106	1,660	1,487	1,242	n.a.	n.a.	n.a.	n.a.
Italy	174	226	106	179	126	n.a.	n.a.	n.a.	n.a.
Spain	147	76	135	200	74	n.a.	n.a.	n.a.	n.a.
United States	9	4	5	2	.....	n.a.	n.a.	n.a.	n.a.
Other	149	177	148	189	235	n.a.	n.a.	n.a.	n.a.
Total	1,448	1,595	2,060	2,070	1,677	n.a.	n.a.	n.a.	n.a.
TOMATO PASTE									
CANADA									
Greece	96	130	23	43	22	148	155	172	n.a.
Italy	236	179	319	278	74	12	4	13	n.a.
Portugal	1,008	1,122	1,221	638	450	466	676	707	n.a.
Spain	216	184	204	260	295	262	228	258	n.a.
United States	214	223	679	808	550	834	753	743	n.a.
Other	2	57	121	373	243	248	295	525	n.a.
Total	1,772	1,895	2,567	2,400	1,584	1,970	2,111	2,418	n.a.
FRANCE (Paste & puree)									
Bulgaria	139	85	130	68	68	.....	124	[1]	.....
Italy	1,288	1,260	448	1,491	1,214	1,465	631	791	959
Morocco	291	612	377	348	355	108	401	215	66
Portugal	50	65	138	56	19	104	96	28	44
Spain	31	86	508	90	234	149	263	109	187
Tunisia	150	140	237	204	45	.....	.....	21	.....
Other	169	500	873	371	844	740	929	513	620
Total	2,118	2,748	2,711	2,628	2,779	2,566	2,444	1,677	1,876
UNITED KINGDOM (Paste & Puree)									
Bulgaria	200	247	382	193	14	n.a.	n.a.	n.a.	n.a.
Hungary	74	197	153	138	85	n.a.	n.a.	n.a.	n.a.
Italy	566	472	352	803	623	n.a.	n.a.	n.a.	n.a.
Portugal	3,392	3,204	4,524	3,045	1,723	n.a.	n.a.	n.a.	n.a.
Spain	615	902	836	838	361	n.a.	n.a.	n.a.	n.a.
Other	1,003	1,348	2,262	2,868	1,507	n.a.	n.a.	n.a.	n.a.
Total	5,850	6,370	8,509	7,885	4,313	n.a.	n.a.	n.a.	n.a.
UNITED STATES (Paste & Sauce)									
Greece	78	376	67	1	2	11	.....	[1]	6
Italy	214	42	19	6	8	10	20	6	5
Mexico	376	197	206	205	129	558	1,014	1,173	949
Portugal	2,416	3,400	3,583	805	223	792	253	128	103
Spain	734	636	570	131	110	330	232	229	149
Other	247	609	510	736	648	601	1,198	885	657
Total	4,065	5,260	4,955	1,884	1,120	2,302	2,717	2,421	1,869
TOMATO PULP & PUREE									
NORWAY									
Bulgaria	.....	.....	19	45	2	.....	.....	.....	n.a.
Italy	2	1	2	6	22	11	5	3	n.a.
Portugal	250	303	328	237	177	157	223	239	n.a.
Other	39	22	25	78	143	172	107	131	n.a.
Total	291	326	374	366	344	340	335	373	n.a.
SWEDEN									
Bulgaria	72	31	54	28	19	42	51	48	n.a.
Hungary	80	85	121	119	110	11	25	51	n.a.
Italy	40	52	48	70	90	150	258	269	n.a.
Portugal	157	206	226	147	68	80	143	162	n.a.
Spain	242	233	328	271	481	649	457	409	n.a.
Other	85	164	110	215	185	164	200	366	n.a.
Total	676	771	887	850	953	1,096	1,134	1,305	n.a.

[1]Less than 500 cases. n.a.-Not available at press time.

FRUIT PACKS IN SPECIFIED COUNTRIES BY COMMODITY

SOURCE: United States Department of Agriculture, Foreign Agricultural Service
Fruit and Vegetable Division Commodity Analysis Branch

NOTE: The annual canned fruit packs in the Southern Hemisphere countries (Australia, South Africa, etc) commence in November or December of each year and become seasonally heavy in the following January or February. For the purposes of this table such packs are aligned with the U.S. packing marketing season which commences the following summer. For example, the Southern Hemisphere packs completed in early 1975 are shown under the column for 1975 (marketing season 1975-76)

MARKETING SEASONS BEGINNING YEAR SHOWN

Commodity and Country	1972	1973	1974	1975	1976	1977	1978	1979
	1,000 cases, equiv. 24/2½'s (45 lbs.)							
APPLES & APPLESAUCE								
Canada	678	880	1,018	802	611	737	823	n.a.
Germany, West	1,765	2,202	1,654	1,821	1,669	1,472	1,596	1,417
Japan	1,142	831	920	988	526	318	246	220
South Africa	168	227	278	187	247	262	438	284
United States	14,104	18,412	18,730	10,705	10,763	12,679	13,651	n.a.
APRICOTS								
Australia	840	687	553	647	423	602	338	640
Canada	37	30	42	48	24	27	46	53
Greece	773	1,712	1,612	1,460	1,881	2,572	588	1,470
Italy	98	98	74	49	49	34	34	49
South Africa	596	603	478	717	480	732	794	925
Spain	1,300	1,000	1,400	700	700	300	900	350
United States	3,041	4,094	1,987	4,421	2,387	2,269	2,127	2,887
CHERRIES								
Chile	55	48	51	49	42	45	51	56
France	387	666	657	397	480	284	715	686
Germany, West	755	1,029	1,254	1,245	1,480	925	1,392	1,566
Italy	416	392	343	294	245	245	196	245
Japan	590	788	398	256	613	630	551	686
United States:								
Red Pitted	1,299	579	1,188	1,273	438	605	582	526
Sweet	393	503	623	412	464	501	485	651
FRUIT MIXTURES								
Argentina	152	220	637	607	588	539	284	318
Australia	1,909	2,091	1,369	1,659	1,070	1,039	1,374	1,366
France	1,443	1,416	1,440	1,127	1,435	1,053	1,386	1,371
Italy	1,225	1,470	1,470	1,372	2,939	3,919	4,164	4,164
Japan	229	510	337	227	334	451	214	294
South Africa	1,380	1,489	1,819	1,643	1,728	1,974	1,744	2,130
United States	13,332	14,919	16,742	14,968	14,854	15,138	13,857	16,960
PEACHES								
Argentina	1,715	318	1,764	1,837	3,919	3,184	1,702	2,450
Australia	4,478	4,610	2,519	3,739	2,879	2,656	2,313	2,589
Canada	260	379	375	326	256	232	151	192
Chile	517	381	421	460	381	394	461	497
France	603	573	514	171	612	377	730	735
Greece	2,982	3,540	2,278	2,739	4,968	4,238	7,447	5,389
Italy	1,225	1,078	1,421	1,078	1,470	1,176	1,274	1,372
Japan	3,050	3,022	3,595	2,775	2,453	2,272	1,886	1,690
South Africa	5,472	5,331	6,105	6,250	5,890	5,443	4,750	5,347
Spain[1]	1,400	1,300	1,300	700	1,200	600	1,000	700
United States	24,016	24,514	32,431	28,984	24,811	29,217	21,413	25,840
PEARS								
Argentina	49	24	318	343	294	245	57	64
Australia	2,225	2,984	3,102	2,869	1,739	1,654	2,233	2,923
Canada	567	680	634	450	388	393	458	519
France	279	583	573	451	407	176	495	1,078
Italy	2,646	2,890	2,694	2,303	2,498	1,519	1,543	1,715
Japan	275	257	181	125	143	122	54	53
South Africa	1,379	1,527	1,506	1,559	1,828	1,712	1,455	1,595
United States	9,063	9,841	10,692	9,776	11,518	9,614	9,026	10,568
PLUMS & PRUNES								
Canada	105	141	111	134	[8]73	[8]62	118	91
Germany, West	618	780	844	377	1,199	764	776	770
United Kingdom	597	991	1,165	762	801	742	921	n.a.
United States	394	1,261	1,166	1,447	1,042	817	923	711

See Notes on Following Page

WORLD FRUIT PACKS BY COMMODITY — Continued

Commodity and Country	1972	1973	1974	1975	1976	1977	1978	1979P
PINEAPPLE								
Australia	1,585	1,739	1,822	1,402	1,923	1,379	1,591	1,750
Ivory Coast	n.a.	3,024	3,429	4,164	3,550	2,613	3,527	3,057
Kenya[2]	477	654	424	984	1,465	2,221	2,375	2,300
Malaysia	2,818	2,695	2,676	2,205	2,333	2,466	2,548	2,309
Martinique[3]	353	395	389	455	503	333	245	376
Mexico	1,664	1,883	817	813	936	1,029	1,127	1,249
Philippines	6,859	6,736	6,810	6,908	8,573	12,602	12,623	12,993
South Africa	2,878	2,219	2,702	2,559	2,477	2,402	2,652	2,693
Taiwan	3,011	2,831	2,179	1,663	1,136	908	1,265	1,500
Thailand	n.a.	879	1,608	2,033	3,295	4,618	5,328	5,826
Hawaii	11,108	9,550	8,110	8,200	8,270	8,490	7,900	7,800

[1]Syrup pack only. [2]Exports only. [3]Imports into France. [4]Plums only.

FRUIT PACKS BY COUNTRY

1,000 cases, equiv. 24/2½'s (45 lbs.)

(Pack year—See note on page 605)

Country and Commodity	1972	1973	1974	1975	1976	1977	1978	1979
AUSTRALIA								
Apricots	840	687	553	647	423	602	338	640
Fruit Cocktail	1,909	2,091	1,369	1,659	1,070	1,039	1,374	1,366
Peaches	4,478	4,610	2,515	3,739	2,879	2,656	2,313	2,589
Pears	2,225	2,984	3,102	2,869	1,739	1,654	2,233	2,923
Pineapple	1,585	1,739	1,822	1,402	1,923	1,379	1,591	1,750
Total (these prod.)	11,037	12,111	9,239	10,316	8,034	7,330	7,849	9,268
CANADA								
Apples & Sauce	678	880	1,018	802	611	737	823	n.a.
Apricots	37	30	42	48	24	27	46	53
Peaches	260	379	375	326	256	232	151	192
Pears	567	680	634	450	388	393	458	519
Plums & Prunes	105	141	111	134	73	62	118	91
Total (these prod.)	1,647	2,110	2,180	1,760	1,352	1,451	1,596	n.a.
GERMANY, WEST								
Apples & Sauce	1,765	2,202	1,654	1,821	1,669	1,472	1,596	1,417
Apricots	10	12	11	8	8	14	18	8
Cherries	755	1,029	1,254	1,245	1,480	925	1,392	1,566
Peaches	12	25	26	8	17	34	30	17
Pears	7	20	12	11	13	26	24	25
Plums & Prunes	618	780	844	377	1,199	764	776	770
Total (these prod.)	3,167	4,068	3,801	3,470	4,386	3,235	3,836	3,803
ITALY								
Apricots	98	98	74	49	49	34	34	50
Cherries	392	392	343	294	245	245	196	245
Fruit Mixtures	1,225	1,470	1,470	1,372	2,940	3,920	4,165	4,165
Peaches	1,225	1,078	1,421	1,078	1,470	1,176	1,274	1,372
Pears	2,646	2,890	2,694	2,303	2,499	1,519	1,543	1,715
Total (these prod.)	5,586	5,928	6,002	5,096	7,203	6,894	7,212	7,547
SOUTH AFRICA								
Apples & Sauce	168	227	278	187	247	262	438	284
Apricots	596	603	478	717	480	732	794	925
Fruit Cocktail	1,380	1,489	1,819	1,643	1,728	1,974	1,744	2,130
Peaches	5,472	5,331	6,105	6,250	5,890	5,443	4,750	5,347
Pears	1,379	1,527	1,506	1,559	1,828	1,712	1,455	1,595
Pineapple	2,878	2,219	2,702	2,559	2,477	2,402	2,652	2,698
Total (these prod.)	11,873	11,396	12,888	12,915	12,650	12,525	11,833	12,974

VEGETABLE PACKS IN SPECIFIED COUNTRIES BY COMMODITY

(Pack year—See note under fruit packs, this section)

SOURCE: United States Department of Agriculture, Foreign Agricultural Service
Fruit and Vegetable Division Commodity Analysis Branch

Item & Country	1971	1972	1973	1974	1975	1976	1977	1978	1979
	1,000 cases,equiv. 24/303's (24 lbs.)								
ASPARAGUS									
Canada	468	578	501	540	572	512	442	524	536
France	527	433	617	505	257	395	322	n.a.	n.a.
Germany, West	85	113	81	53	42	44	43	37	34
Italy	97	114	184	165	92	92	64	n.a.	n.a.
Japan	889	994	1,068	1,130	1,034	993	1,128	1,167	n.a.
Spain	2,195	2,205	2,756	1,977	1,669	1,929	1,791	1,874	2,140
United States	5,542	5,860	5,794	5,643	3,551	3,609	3,705	3,382	2,819
Taiwan	6,953	5,433	7,398	8,312	5,501	6,443	6,566	6,133	n.a.
BEANS, GREEN									
Canada	2,109	1,565	1,922	2,063	1,775	1,217	1,724	2,020	1,698
France	22,661	16,140	19,198	23,810	21,991	11,684	23,693	23,148	n.a.
Germany, West	4,909	3,647	3,953	4,394	3,804	2,559	4,061	3,168	3,479
Italy	1,768	2,577	3,950	4,685	4,501	3,399	3,674	3,858	n.a.
New Zealand	150	74	91	132	146	65	82	n.a.	n.a.
Rep. S. Africa	708	598	466	439	535	777	516	269	222
United States	45,213	44,383	50,887	57,971	51,466	44,027	50,952	53,229	66,281
BEANS, WAX									
Canada	2,027	1,256	1,777	1,642	1,390	1,159	1,571	1,607	1,697
United States	4,797	3,173	4,115	4,348	3,924	3,394	3,541	3,892	n.a.
BEANS, LIMA									
United States	3,116	2,116	3,150	2,523	3,729	2,812	2,657	3,356	3,061
United Kingdom	1,101	1,008	1,213	1,111	1,008	1,260	859	859	n.a.
BEETS									
Canada	755	645	735	877	706	600	580	n.a.	n.a.
United States(a)	10,430	10,025	10,881	15,084	13,130	9,201	11,289	n.a.	n.a.
CARROTS									
Canada	293	432	601	536	390	242	450	610	523
Germany, West	1,741	1,254	1,560	1,682	1,657	1,172	1,481	1,292	1,014
United Kingdom	7,663	6,589	6,981	7,009	9,203	8,297	8,736	7,513	n.a.
United States(a)	5,310	5,529	6,391	6,914	4,717	5,221	6,586	n.a.	n.a.
CARROTS & PEAS									
Canada	392	373	397	403	n.a.	n.a.	n.a.	n.a.	n.a.
United States	2,106	2,001	2,270	2,488	2,493	1,894	1,658	1,765	n.a.
CORN									
Canada	5,532	5,020	5,120	4,657	5,940	5,679	[1]2,276	2,036	2,783
United States	53,757	52,957	55,228	46,430	57,458	54,694	56,300	57,907	n.a.
MUSHROOMS									
Canada	.....	.....	.....	.....	465	508	457	386	n.a.
France	7,083	9,402	9,194	9,884	9,471	9,278	10,713	n.a.	n.a.
Germany, West	477	103	296	261	182	164	241	424	299
Taiwan	6,614	5,649	5,231	3,645	4,682	7,250	7,407	7,079	n.a.
PEAS, GREEN									
Canada	4,192	3,172	3,965	4,835	5,044	3,799	3,904	3,121	3,718
France	23,620	21,774	24,615	29,854	27,649	13,770	23,811	20,760	n.a.
Germany, West	1,994	1,281	1,693	1,150	1,186	973	951	864	756
Italy	7,326	6,216	5,052	5,144	4,960	4,225	5,052	5,511	n.a.
New Zealand	262	178	215	229	260	260	305	163	n.a.
Rep. S. Africa	901	1,245	1,530	1,287	1,540	1,203	1,109	1,174	1,455
United Kingdom	4,286	7,289	6,515	8,615	7,728	6,543	8,960	6,552	n.a.
United States	33,197	33,081	29,558	33,120	35,172	31,927	30,238	25,249	36,492
SAUERKRAUT									
Germany, West	8,647	7,776	6,728	5,615	6,017	5,769	11,715	12,099	10,849
United States (a)	11,266	10,008	10,573	12,209	n.a.	n.a.	n.a.	n.a.	n.a.
SPINACH									
France	2,704	2,222	2,571	1,910	2,122	2,774	2,502	n.a.	n.a.
Germany, West	77	57	96	90	31	50	78	15	25
Italy	n.a.	n.a.	64	55	53	60	46	138	n.a.
United States(a)	7,675	8,255	8,944	10,834	8,328	6,304	7,108	6,214	8,121
TOMATOES									
Canada	4,138	3,391	3,579	3,016	3,195	3,396	3,750	3,893	4,476
Italy	27,558	26,639	51,441	61,545	54,196	46,388	60,443	70,732	79,000
United States	38,367	43,301	45,431	43,794	53,465	42,805	54,124	49,241	52,896
TOMATO CATSUP									
Canada	3,630	3,915	4,425	4,615	5,583	n.a.	n.a.	n.a.	n.a.
United States	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

(a) Pack beginning year shown. [1]Whole kernel only.

WORLD VEGETABLE PACKS BY COMMODITY — Continued

Item & Country	1971	1972	1973	1974	1975	1976	1977	1978	1979
TOMATO CONCENTRATES									
Canada	n.a.	n.a.	912	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
France[1]	5,181	2,078	2,682	2,572	3,201	2,538	2,604	4,997	4,960
Italy	12,860	13,779	11,023	13,779	13,319	10,564	11,482	20,209	22,965
Portugal	10,851	13,595	14,112	12,451	12,125	7,808	10,369	9,535	8,730
Spain	3,215	3,950	2,296	5,052	6,889	2,113	4,593	3,674	3,491
United States	82,867	87,950	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
South Africa	522	446	978	685	1,281	1,335	1,049	486	485
TOMATO JUICE									
Canada	7,564	7,754	8,835	7,078	7,612	8,917	11,124	10,599	8,937
Italy	1,562	1,561	2,572	3,031	3,399	3,858	3,950	4,134	n.a.
Spain	126	276	276	612	423	367	459	367	n.a.
United States	38,411	31,074	33,936	36,133	35,358	32,155	27,844	33,920	31,517

[1]Includes small quantities of canned tomatoes.

VEGETABLE PACKS BY COUNTRY

(Pack year—See note on page 605)

	1971	1972	1973	1974	1975	1976	1977	1978	1979
	1,000 cases, equiv. 24/303's (24 lbs.)								
CANADA									
Asparagus	468	578	501	540	572	412	442	524	536
Beans, grn	2,109	1,565	1,922	2,063	1,775	1,217	1,724	2,020	1,698
Beans, wax	2,027	1,256	1,777	1,642	1,390	1,159	1,571	1,607	1,697
Beets	755	645	735	877	706	600	580	n.a.	n.a.
Carrots	293	432	601	536	390	242	450	610	523
Carrots & Peas	392	373	397	403	n.a.	n.a.	n.a.	n.a.	n.a.
Corn	5,532	5,020	5,120	4,657	5,940	5,679	[2]2,276	2,036	2,783
Peas, green	4,192	3,172	3,965	4,835	5,044	3,799	3,904	3,121	3,718
Tomatoes	4,138	3,391	3,579	3,016	3,195	3,396	3,750	3,893	4,476
Tomato catsup	3,630	3,915	4,425	4,615	5,583	n.a.	n.a.	n.a.	n.a.
Tomato juice	7,564	7,754	8,835	7,078	7,612	8,917	11,124	10,599	8,937
Mushrooms	n.a.	n.a.	n.a.	n.a.	465	508	457	386	n.a.
FRANCE									
Asparagus	527	433	617	505	257	395	322	n.a.	n.a.
Beans, grn	22,661	16,140	19,198	23,810	21,991	11,684	23,693	23,148	n.a.
Mushrooms	7,083	9,402	9,194	9,884	9,471	9,278	10,711	n.a.	n.a.
Peas, green	23,620	21,774	24,615	29,854	27,649	13,770	23,699	20,760	n.a.
Spinach	2,704	2,222	2,571	1,910	2,122	2,774	2,499	n.a.	n.a.
Tomato conc.[1]	5,181	2,078	2,682	2,572	3,201	2,538	2,604	4,997	4,960
GERMANY, WEST									
Asparagus	85	113	81	53	42	44	43	37	34
Beans, grn	4,909	3,647	3,753	4,394	3,804	2,559	4,061	3,168	3,479
Carrots	1,741	1,254	1,560	1,682	1,657	1,172	1,481	1,292	1,014
Mushrooms	477	103	296	261	182	164	241	424	299
Peas, green	1,994	1,281	1,693	1,150	1,186	973	951	864	756
Sauerkraut	8,647	7,776	6,728	5,615	6,017	5,769	n.a.	12,099	10,849
Spinach	77	57	96	90	31	50	77	15	25
ITALY									
Asparagus	97	114	184	165	92	92	64	n.a.	n.a.
Beans, grn	1,768	2,577	3,950	4,685	4,501	3,399	3,674	3,858	n.a.
Peas, grn	7,326	6,216	5,052	5,144	4,960	4,225	5,052	5,511	n.a.
Spinach	n.a.	n.a.	64	55	53	60	46	138	n.a.
Tomatoes	27,558	26,639	51,441	61,545	54,196	46,388	60,443	70,732	n.a.
Tomato conc	12,860	13,779	11,023	13,779	13,319	10,839	11,942	20,209	n.a.
Tomato juice	1,562	1,561	2,572	3,031	3,399	3,858	3,950	4,134	n.a.
NEW ZEALAND									
Beans, grn	150	74	91	132	146	65	n.a.	n.a.	n.a.
Peas, green	262	178	215	229	260	260	305	163	n.a.
PORTUGAL									
Tomato conc	10,851	13,595	14,112	12,451	12,125	7,808	10,369	9,535	n.a.
SOUTH AFRICA									
Beans, grn	708	598	466	439	535	777	516	269	222
Peas, green	901	1,245	1,530	1,287	1,540	1,203	1,109	1,174	1,455
Tomato conc	522	446	978	685	1,281	1,335	1,050	486	484
SPAIN									
Asparagus	2,195	2,205	2,756	1,977	1,669	1,929	1,791	1,874	2,140
Tomato conc	3,215	3,950	2,296	5,052	6,889	2,113	4,593	3,674	n.a.
Tomato juice	126	276	276	612	423	367	459	367	n.a.
UNITED KINGDOM									
Beans, butter	1,101	1,008	1,213	1,111	1,008	1,260	859	859	n.a.
Carrots	7,663	6,589	6,981	7,009	9,203	8,297	8,736	7,513	n.a.
Peas, grn	4,286	7,289	6,515	8,615	7,728	6,543	8,960	6,552	n.a.

[1]Includes small quantities of canned tomatoes. [2]Whole kernel only.

APPENDIX

APPROXIMATE CASE SHIPPING WEIGHTS—POUNDS*

(Corrugated Fibre Cases Unless Otherwise Specified)

FRUITS	24/8	36/8	24/1T	24/303	24/2	24/2½	48/8	48/1T	6/10
Apples, sl.	..	..	..	..	..	..	..	..	45
Apple Sauce[1]	16	..	..	30	..	53	33	..	47
Cherries, Dk. Sw. Unpt.	17	..	..	32	..	..	..	..	49
Cherries, Royal Anne	17	..	..	31	..	..	..	..	49
Cherries, R.S.P.	..	..	..	30	..	..	..	..	45
Crabapples, gl. (Mich.)	..	..	..	40	..	[2]32	..	..	[3]47
Figs, Kodota, W.C.	..	..	..	..	..	..	..	..	48
Fruit Pie Filling[4]	..	..	..	..	..	..	..	..	..
Grape Fr. or Citrus Salad[5]	16½	..	..	30½	..	..	33	..	..
Peaches, Spiced, W.C.	..	..	..	..	..	55	..	..	48
Pineapple[6]	..	..	..	..	..	..	..	..	..
Plums, (Mich.)	17	..	..	31	..	53	..	..	48
Other West Coast Fruits									
Fcy-ex. heavy sirup	17	..	32	32	39	54	34	63	48
Choice-heavy sirup	17	..	31	31	38	53	33	63	47
Std. light sirup	16	25	30	30	37	52	32	61	46
Water	16	25	30	30	36	51	32	60	45
Seconds	..	..	..	..	..	52	..	..	46
Jams[9], Jellies[10], Preserves[11]	..	..	..	..	..	..	..	..	..

*Weights vary slightly according to local and individual canner practice.

[1]12/35 oz. glass-37; 24/15 oz. glass-34. [2]12/2½. [3]Tin. [4]12/2's-20; W.C.—West Coast. [5]12/46 oz.-45½. [6]Pickled peaches (Georgia) 12/2½ gl.-34. [7]Whole spiced Kieffer. [8]24/2 cr., sl., chunks-38; 24/2½ sl.-54; chunks-56; 48/8 crushed-34; 24/303 crushed-32; 48/1F sliced-35 (W.C. 33); No. 10: crushed in juice (PR) 47, (H) 46, in syrup 49; sliced, fcy or choice, W.C. 49, East & South in ex. hvy. Syrup, South & East, fcy 48, choice 47, in juice or water 47; chunks fcy W.C. 49, in syrup (H) 47, (P.R.) 48, in juice or water 46; med. or coarse cut in juice or water 47; Tidbits, fcy W.C. 48, East & South in syrup 47, in juice 46. [9]6/10-59. [10]12/10 oz.-12, 12/20 oz.-24. [11]12/12 oz.-15, 12/18 oz.-22.

JUICES	48/6	24/303	24/2	12/29	12/32	12/46	6/10
Apple W.C.	..	..	..	30	..	..	..
Citrus	25	..	36	29	..	44	..
Pineapple	..	..	37	..	..	44	45-46
Pineapple blends	..	..	..	29	..	44	..
Tomato	*25½	28	36	..	..	43-44	45

*48/5½ oz.-23; 72/8 oz.-47; 24/300-27½; 48/300-54.

VEGETABLES	24/8	48/8	24/12 Vac.	24/Pic.	48/Pic.	24/300	24/303	24/2½	6/10
Asparagus, W.C.	16½	32	..	20	40	28	..	..	46
Asparagus, Other	17	..	..	20	..	28	..	..	46
Beans, gr. or wax	17	33	..	..	..	..	30	53	46
Beans, Blue Lake	..	..	..	..	..	..	30	..	45½
Beans, Lima	16	33	..	..	..	..	30	..	46½
Beans, Lima, Fordhook	..	..	..	..	..	..	29	..	..
Beets[1]	17	33	..	..	..	..	30	..	47
Carrots[2]	17	33	..	..	..	..	31	..	46
Corn, c.s. or w.k.[3]	17	33	25	..	..	..	31	..	47
Kraut	17	..	..	..	..	..	30	51	45
Peas	17	33	..	..	..	..	31	..	47
Peas & Carrots	17	..	..	..	..	..	31	..	46
Pimentos[4]	..	..	..	..	..	..	..	..	..
Potatoes, Wh.	..	..	..	..	..	..	30	..	48
Pumpkin	..	..	..	..	..	..	31	54	46
Pumpkin Pie Mix	..	..	..	..	..	..	33	..	..
Spinach[5]	..	..	..	..	40	..	29	49	43
Succotash, c.s. or w.k.	16	..	..	..	..	..	31	..	47
Tomatoes[6]	..	..	..	..	..	..	30	52	45
Tom. Puree 1.045	15	..	..	..	..	..	..	..	46
Tom. Puree 1.06	..	..	..	..	..	..	..	..	46
Tom. Puree 1.07	..	..	..	..	..	..	..	..	47
Tom. Paste 26%	..	..	..	..	..	..	..	..	48
Tom. Paste 30%	..	..	..	..	..	..	..	..	47½
Tom. Sauce[7]	..	..	..	..	..	..	..	..	45
Turnip Greens[8]	..	..	..	..	..	..	30	50	43
Vegetables, Mixed	17	33	..	..	..	..	31	..	47

W.C.—West Coast. [1]Harvard or Pickled, glass 12/16-22. [2]12/16 oz. glass-21. [3]12/404 (12T) on cob-26. [4]Whole (Tin) 24/4 oz.-9½; 24/7 oz.-14; 48/7 oz.-28; 24/2½ oz.-13; 24/7 oz.-20. [5]West Coast—24/8-15½; 24/303-29½; 24/2½-50; 48/pic-38½; 6/10-43½. [6]24/303 Stewed tom.-30. W.C.—24/303-29½; 24/2½-51½; 6/10-43; 24/1 Tom. aspic-21. [7]72/8 oz.-44. [8]24/2-35.

APPROXIMATE CASE SHIPPING WEIGHTS—CONTINUED

PICKLES	24/8	12/12	24/12	12/16	24/16	12/22	12/32	6/10	6/64	4/Gal
Fresh Pack Dill	..	..	..	..	..	..	38	..	..	..
Fresh Polish Dill	..	..	..	..	..	..	38	..	..	..
Fresh Pack Kosher Dill	..	..	..	..	..	..	..	38	..	..
Fresh Cucumber Chips	..	..	..	22	..	..	..	..	..	..
Sweet	..	18	..	21	..	29	40	..	..	..
Sweet Gherkins	26	19	..	..	..	..	..	51	..	..
Sweet Chips	..	19	..	..	..	32	..	51	..	..
Sweet Mixed	..	19	..	..	..	31	..	..	..	..
Dill	..	17	..	20	..	28	38	..	..	46
Dill Hamburger Slices	..	17	..	..	..	28	38	46	..	48
Kosher Dill	..	17	..	20	..	28	38	..	..	..
Sour	..	17	..	..	..	28	..	..	..	..
Sweet Relish	26	18	..	21	..	29	..	52	..	50

SPECIALTIES	12/12	24/12	24/14	12/20	24/20	6/10
Catsup, fancy	..	..	37	39	49	50
Catsup, ex. Std.	..	..	39	..	48	48½
Chili Sauce	16½-17	..	..	..	..	49

	24/8	48/8	24/300	48/1	48/300	24/2	24/2½	6/10
Beans, Tom/Sauce	..	32	..	..	58	38	54	48
Beans, butter	16	..	27½	..	..	..	..	..
Beans, Dark Kid.	16	31	28	..	..	..	..	47
Beans, Lgt. Kid.	..	31	28	..	..	..	..	48
Beans, Other, Kid.	14	..	27½	..	..	..	..	48
Chili Con Carne w/beans	16	..	29	..	..	..	..	..
Chili Con Carne, Plain	15	..	28	..	..	..	..	..
Hominy	..	..	28	..	56	37	53	46
Pork & Beans	..	31	..	41	57	38	55	48
Spaghetti in Tom. Sauce	16	..	..	..	..	..	..	..

FISH	48/1/2	48/1T	24/1 oval	48/1 oval	100/1/4
Salmon	33	62	..	..	..
Sardines	..	..	30	61	37
Tuna, fcy.	28	..	..	..	..
Tuna, Grated	26	..	..	..	..

Processing Times • Temperatures • Procedures

Just a part of the hundreds of topics
Covered in

A COMPLETE COURSE IN CANNING

800 Pages 11th edition – $60.00 Tel. 301-467-3338

THE CANNING TRADE, INC.

2619 Maryland Ave. • Baltimore, Md. 21218 USA

METAL CAN SHIPMENTS BY PRODUCT

Source: Can Manufacturers INSTITUTE

	1972	1973	1974	1975	1976	1977	1978	1979
	—— BILLIONS OF CANS ——				—— MILLIONS OF CANS ——			
FOOD								
Fruits & Juices	5.5	5.8	5.7	5.3	5,026	5,211	4,841	4,885
Vegetables & Juices	9.5	10.5	11.1	10.7	9,648	10,010	10,396	10,787
Dairy Products	1.6	1.5	2.0	1.9	1,472	1,321	1,113	943
Meat, Incl. Poultry	1.8	1.8	1.8	1.6	1,668	1,752	1,713	1,589
Seafood	1.7	1.7	1.9	1.4	1,261	1,133	1,262	1,089
Shortening	0.4	0.4	0.5	0.5	300	274	245	241
Baby Food	0.8	0.8	0.9	0.7	759	777	698	787
Other Food (a)	7.3	7.9	8.4	7.6	6,317	6,300	6,478	6,065
Total Foods	**28.6**	**30.4**	**32.3**	**29.7**	**26,451**	**26,778**	**26,746**	**26,386**
BEVERAGES								
Coffee	0.8	0.8	0.8	0.8	764	527	682	679
Soft Drinks	15.6	17.6	18.0	16.5	19,515	23,311	25,468	25,711
Beer	21.8	24.1	26.1	26.1	26,922	27,895	28,905	28,731
Total Beverages	**38.2**	**42.5**	**44.9**	**43.4**	**47,201**	**51,733**	**55,055**	**55,121**
PET FOOD	**3.5**	**3.8**	**3.7**	**3.0**	**2,977**	**2,768**	**2,918**	**2,968**
NON-FOOD								
Aerosol	2.7	3.1	3.0	2.3	2,197	2,021	2,090	2,202
Motor Oil	0.8	0.8	0.6	0.6	629	601	587	546
Paint & Varnish	0.9	0.9	0.8	0.8	853	836	838	873
Other NON/Food	2.5	2.1	2.0	1.7	2,278	2,153	1,535	1,248
Total Non-Food	**6.9**	**6.9**	**6.4**	**5.4**	**5,957**	**5,611**	**5,050**	**4,869**
Total Shipments	**77.2**	**83.6**	**87.3**	**81.5**	**82,586**	**86,890**	**89,769**	**89,344**
Total Steel	.....	.....	.....	.....	60,503	59,903	58,372	54,609
Total Aluminum	.....	.....	.....	.....	22,083	26,987	31,397	34,735
Total for Sale	.....	.....	.....	.....	59,661	61,449	62,916	62,854
Total for Own Use	.....	.....	.....	.....	22,925	25,441	26,853	26,490
Wgt of Aluminum cans (b)	.....	.....	.....	.....	1,785	2,023	2,116	2,274

(a) Including soup. (b) millions of pounds.

GLASS CONTAINER SHIPMENTS BY TYPE OF CONTAINER*

Source: Bureau of Census, U.S. Department of Commerce

(Thousands of gross)

Type of Container	1971	1972	1973	1974	1975	1976	1977	1978	†1979
All Types Total	257,129	266,620	276,328	276,382	281,532	294,814	307,187	319,687	319,826
Direct exports	1,868	1,751	2,033	2,673	2,510	2,469	3,073	2,247	2,934
Domestic	255,261	264,869	274,295	273,709	279,022	292,345	304,114	317,440	316,892
Narrow Neck, Tot.	191,842	199,678	208,272	207,841	214,777	224,855	237,175	247,754	246,198
Food	24,310	24,333	23,634	24,491	25,266	25,727	23,869	27,563	26,676
Medicinal/health	15,295	16,744	17,425	17,372	14,436	16,646	15,143	14,509	13,217
Household/indus	2,988	3,186	2,987	2,981	2,776	3,008	2,428	2,600	2,593
Toiletries/cosm	7,362	7,533	8,838	8,193	7,640	9,769	11,024	10,106	9,547
Bev., returnable	9,610	10,099	8,407	7,221	7,614	8,696	7,155	6,388	5,957
Bev., nonreturn	57,942	60,954	62,593	58,410	56,804	56,397	60,311	55,015	48,940
Beer, returnable	1,892	1,699	3,760	3,485	3,878	4,662	3,502	2,309	2,667
Beer, nonreturn	51,297	52,705	57,899	63,120	72,957	77,276	89,255	104,180	111,143
Liquor	13,174	13,873	14,209	14,461	14,874	14,427	15,877	16,568	16,714
Wine	7,972	8,552	8,520	8,107	8,532	8,247	8,611	8,516	8,744
Wide Mouth, Total	63,419	65,191	66,023	65,868	64,245	67,490	66,939	69,686	70,694
Food[1]	57,208	58,241	59,129	59,709	59,180	61,504	61,723	65,062	66,314
Medicinal/health	3,432	3,876	3,514	2,974	2,321	2,708	2,473	2,093	1,889
Household/indus	913	1,097	1,434	1,345	1,259	1,603	1,292	1,241	1,301
Toiletries/cosm	1,556	1,739	1,749	1,692	1,378	1,675	1,451	1,290	1,190
Dairy products	305	238	197	148	107	(1)	(1)	(1)	(1)

(1) Since 1976, data for dairy products are combined with Food. *Shipments by type represent Domestic Container Shipments only. †Preliminary.

OPENING AND CLOSING CANNING DATES

Prepared by The American Can Co.

Revised June 1960

FRUITS

STATES AND TERRITORIES	Apples	Apricots	BERRIES							Cherries	Figs
			Black	Blue	Cran	Goose	Logan	Rasp	Straw		
ARKANSAS	Aug. 15 Nov. 15		June 1 July 15						Apr. 1 Oct. 1		
CALIFORNIA		June 8 Aug. 15								May 10 July 10	Aug. 15 Oct. 31
COLORADO	Oct. 15 Dec. 15	July 10 Aug. 1								June 15 July 15	
DELAWARE	Oct. 1 Nov. 10										
KANSAS	Aug. 1 Nov. 1										
LOUISIANA			June 1 July 31								May 1 July 31
MAINE				Aug. 10 Sept. 15							
MARYLAND	Aug. 25 Dec. 1										
MASSACHUSETTS					Sept. 1 Dec. 31						
MICHIGAN	Aug. 1 Nov. 30		July 25 Aug. 10	July 25 Sept. 15		July 20 Aug. 20		July 5 July 20	June 10 July 10	July 1 Aug. 15	
MISSISSIPPI			June 1 July 31								May 1 July 31
MISSOURI	Aug. 15 Dec. 1		June 20 Aug. 1								
MONTANA										July 14 Aug. 15	
NEW JERSEY			June 10 July 10	June 20 Aug. 20	Sept. 1 Dec. 31			July 15 Aug. 15	June 10 July 10		
NEW YORK	Sept. 15 Dec. 31	Aug. 1 Aug. 15						July 10 Aug. 20	June 14 July 17	June 25 Aug. 15	
OHIO	Sept. 15 Dec. 31									July 5 Aug. 15	
OKLAHOMA	Aug. 15 Oct. 15		June 1 July 1								
OREGON	Sept. 15 Dec. 31	Aug. 15 Sept. 15	Aug. 1 Oct. 10			May 15 June 15	June 20 Aug. 1	June 25 Aug. 1	May 20 June 25	June 20 July 31	
PENNSYLVANIA	Aug. 15 Dec. 31									June 30 July 31	
TEXAS			June 10 July 31								May 1 July 1
UTAH	Oct. 15 Dec. 15	July 10 Aug. 1						July 1 July 20	June 15 July 15	June 15 July 15	
VIRGINIA	Aug. 15 Dec. 31										
WASHINGTON	Sept. 15 Dec. 31	Aug. 25 Sept. 20	Aug. 15 Oct. 15	Oct. 1 Oct. 30		May 15 June 15	June 25 Aug. 1	July 1 Aug. 1	June 1 July 1	June 25 July 31	
WEST VIRGINIA	Aug. 15 Nov. 30										
WISCONSIN				June 10 Aug. 30	Oct. 1 Nov 20	June 25 Aug. 1			June 10 July 20	June 25 Aug. 20	
ONTARIO, CANADA	Sept. 15 Dec. 31		Aug. 1 Sept. 1					July 10 Aug. 17	June 14 July 17	July 1 Aug. 10	
QUEBEC, CANADA	Sept. 15 Nov. 30			Aug. 15 Sept. 15							
VANCOUVER, B. C.	Sept. 1 Dec. 1	July 15 Aug. 30	Sept. 1 Oct. 30				July 1 Aug. 30	July 1 Aug. 30	June 1 July 30	July 1 July 30	

APPENDIX

OPENING AND CLOSING CANNING DATES—Continued

FRUITS—Continued

STATES AND TERRITORIES	Grapes	Grape Fruit	Lemons	Olives	Oranges	Peaches	Pears	Pineapple	Plums	Prunes
ALABAMA						June 10 Aug. 1				
ARIZONA		Nov. 1 May 1								
ARKANSAS	Aug. 15 Oct. 1					July 10 Sept. 1				
CALIFORNIA	Aug. 1 Sept. 25		All Year	Oct. 15 Feb. 15	July 1 Nov. 15	July 10 Sept. 20	July 18 Sept. 15		July 15 Sept. 30	All Year
COLORADO						Aug. 25 Sept. 25	Sept. 15 Oct. 20			
DELAWARE						Aug. 1 Sept. 1	Oct. 1 Nov. 1			
FLORIDA		Oct. 15 June 15			Dec. 1 June 1					
GEORGIA						June 10 Aug. 1				
HAWAII								Jan. 1-Mar. 15 June 15-Sept. 30		
IDAHO										Sept. 15 Oct. 15
MARYLAND						Aug. 1 Sept. 15	Oct. 1 Nov. 15			
MICHIGAN	Sept. 1 Oct. 30					Sept. 1 Oct. 15	Sept. 1 Dec. 30		Aug. 1 Aug. 30	
MISSOURI	Aug. 25 Oct. 15					July 25 Sept. 1				
NEW JERSEY						Aug. 1 Sept. 15	Sept. 20 Nov. 15			
NEW YORK	Oct. 1 Nov. 1					Sept. 1 Oct. 5	Sept. 15 Nov. 10		Aug. 10 Oct. 7	Sept. 10 Oct. 5
NORTH CAROLINA						July 15 Aug. 15				
OREGON						Aug. 15 Oct. 1	Aug. 10 Nov. 1		Aug. 15 Sept. 30	Sept. 1 Sept. 30
PENNSYLVANIA	Sept. 20 Nov. 1					Aug. 15 Sept. 15				
PUERTO RICO		Nov. 15 Apr. 30						May 1 June 30		
SOUTH CAROLINA						July 15 Aug. 15				
TEXAS		Dec. 1 May 1				June 10 Aug. 1				
UTAH						Aug. 25 Sept. 25	Sept. 15 Oct. 20			Sept. 15 Oct. 15
WASHINGTON						Aug. 15 Sept. 20	Aug. 10 Nov. 1		Aug. 15 Sept. 30	Sept. 1 Sept. 30
ONTARIO, CANADA						Sept. 1 Oct. 5	Sept. 15 Dec. 15		Sept. 15 Oct. 7	
VANCOUVER, B. C.						Aug. 15 Sept. 30	Aug. 15 Oct. 10		Aug. 15 Oct. 15	Aug. 15 Oct. 15

OPENING AND CLOSING CANNING DATES—Continued

VEGETABLES

STATES AND TERRITORIES	Artichokes	Asparagus	BEANS — Lima	BEANS — Snap	Beets	Corn	Carrots	Kraut	Okra	Peas
ALABAMA				May 1-July 10 Oct. 1-Oct. 30					May 1 Sept. 1	
ARKANSAS			July 1 Nov. 15	May 5-July 5 Oct. 1-Nov. 15		July 1 July 31			June 1 Sept. 1	
CALIFORNIA	Feb. 1 Apr. 30	Apr. 1 June 30	Sept. 1 Oct. 31	Aug. 1 Oct. 15	May 5 Dec. 20					Apr. 10 June 30
COLORADO				July 15 Oct. 1	Aug. 1 Oct. 15			All Year		June 15 Aug. 1
DELAWARE		Apr. 25 June 30	Aug. 5 Sept. 30	June 20-July 20 Sept. 5-Sept. 30		July 25 Sept. 15				May 25 June 20
FLORIDA				Jan. 1-May 15 Nov. 1-Dec. 15						
GEORGIA				May 1-June 15 Aug. 20-Sept. 15					May 15 Sept. 1	
IDAHO						Aug. 1 Sept. 15				June 1 July 20
ILLINOIS		Apr. 20 June 25	Aug. 15 Sept. 30	July 5 Sept. 30		Aug. 1 Sept. 25				June 3 July 30
INDIANA				July 1 Oct. 15		Aug. 1 Sept. 30		All Year		June 1 July 30
IOWA		Apr. 25 June 25				Aug. 1 Oct. 1				June 10 July 15
KENTUCKY				June 1-July 15 Sept. 15-Oct. 15				All Year		
LOUISIANA						June 1 July 15			May 1 Sept. 1	
MAINE				Aug. 1-Sept. 15		Aug. 20 Oct. 15				July 1 Aug. 30
MARYLAND		Apr. 20 June 30	Aug. 5 Oct. 10	June 15 July 31	June 1 July 15	July 20 Sept. 15		All Year		May 20 July 15
MICHIGAN		May 10 July 1	Sept. 1 Sept. 30	July 10 Sept. 15	Aug. 1 Nov. 20	Aug. 10 Sept. 20	Oct. 1 Nov. 25	All Year		June 15 Aug. 15
MINNESOTA		May 1 July 1	Aug. 15 Sept. 30	July 20 Sept. 20	July 20 Nov. 30	Aug. 5 Sept. 1				June 15 Aug. 1
MISSISSIPPI				May 1-July 31 Oct. 1-Nov. 1					May 1 Sept. 1	
MISSOURI				June 15 Oct. 15						
NEBRASKA				July 10-Oct. 1		Aug. 10 Oct. 1				
NEW JERSEY		Apr. 20 July 1	Aug. 1 Oct. 1	July 1 Oct. 1					Aug. 20 Oct. 1	May 20 July 10
NEW YORK		May 10 July 15		July 5 Sept. 25	Aug. 1 Dec. 31	Aug. 10 Sept. 20	Sept. 15 Dec. 31	All Year		June 20 Aug. 1
NORTH CAROLINA				June 1-July 10					June 1 Sept. 15	
OHIO		May 5 July 25		July 25 Sept. 5	July 20 Nov. 30	Aug. 1 Sept. 25		Year	All	May 28 Aug. 1
OKLAHOMA				May 15-July 10 Oct. 1-Nov. 15						
OREGON		Apr. 15 July 1		Aug. 1 Sept. 5	July 1 Oct. 15	Aug. 15 Sept. 30	Aug. 20 Oct. 15	All Year		June 10 Aug. 20
PENNSYLVANIA			July 1 Oct. 1	July 15 Sept. 20	July 25 Oct. 1	Aug. 5 Sept. 20		All Year		June 1 July 25
SOUTH CAROLINA				May 20-Aug. 10 Sept. 15-Oct. 30					June 1 Sept. 15	Aug. 5 Sept. 30
TENNESSEE			Aug. 1 Sept. 20	July 15 Sept.20	July 10 Aug. 15	July 25 Aug. 30		All Year		May 15 June 15
TEXAS				Apr. 1-June 20 Nov. 1-Dec. 15	Nov. 15 May 15		Nov. 15 May 15			
UTAH			Aug. 5 Oct. 1	July 10 Oct. 15	June 1 Oct. 15	Aug. 15 Sept. 25	Aug. 15 Oct. 15	All Year		June 10 Aug. 10
VIRGINIA			Aug. 1 Oct. 10	June 10-July 15						May 15 June 5
WASHINGTON		May 1 July 1		Aug. 1 Sept. 5	July 1 Oct. 15	Aug. 15 Sept. 30	Aug. 20 Oct. 15	All Year		June 10 Aug. 20
WISCONSIN			Aug. 20 Sept. 20	July 10 Oct. 1	July 20 Nov. 30	Aug. 1 Oct. 1	July 25 Nov. 30	All Year		June 10 Aug. 20
ONTARIO, CANADA		May 5 June 30		July 15 Sept. 25	Aug. 1 Mar. 1	Aug. 10 Oct. 10	Oct. 1 Jan. 15	All Year		June 25 Aug. 1
QUEBEC, CANADA				June 25 Sept. 25	Oct. 1 Dec. 1	Aug. 25 Oct. 10	Oct. 1 Dec. 1			July 1 Aug. 5
VANCOUVER, B. C.		May 15 June 15		Aug. 1 Sept. 30		Sept. 1 Oct. 15				June 20 Aug. 1

OPENING AND CLOSING CANNING DATES—Continued
VEGETABLES—Continued

STATES AND TERRITORIES	Pickles	Pimientos	Pumpkin	Rhubarb	Spinach	Sprouts	Squash	Succotash	Sweet Potato	Tomatoes
ALABAMA		Aug. 1 Nov. 15			Feb. 20-May 30 Oct. 15-Dec. 31				Aug. 1 Feb. 1	Aug. 1-Sept. 15
ARKANSAS					Feb. 20-May 30 Oct. 15-Dec. 31					Aug. 1-Oct. 20
CALIF.	All Year	Sept. 15 Dec. 15	Oct. 1 Nov. 15		Feb. 20-Apr. 20 Oct. 1-Dec. 15				Sept. 1 Dec. 31	July 10 Nov. 10
COLO.			Oct. 1 Nov. 15				Oct. 5 Nov. 15			Aug. 15 Oct. 15
DEL.					Nov. 10 Mar. 1		Oct. 1 Nov. 5		Sept. 15 Dec. 1	July 15 Oct. 1
FLORIDA									Aug. 1 Feb. 1	Mar. 1 May 15
GEORGIA		Aug. 1 Nov. 15								Aug. 1-Feb. 1
IDAHO										
ILLINOIS			Sept. 10 Oct. 30							Aug. 1 Oct. 1
INDIANA			Sept. 15 Nov. 15					Aug. 20 Sept. 15		Aug. 1 Oct. 15
IOWA										Aug. 10 Oct. 15
KY.								Aug. 10 Aug. 30		Aug. 1 Oct. 15
LOUISIANA		Oct. 1 Dec. 1							July 20 Mar. 1	
MD.			Oct. 1 Nov. 10		Apr. 1-May 15 Nov. 1-Nov. 30		Oct. 1 Nov. 10	Aug. 18 Oct. 1	Sept. 15 Dec. 1	July 15 Oct. 15
MICHIGAN	All Year		Sept. 10 Oct. 30	May 20 June 30	June 10-July 1 Sept. 20-Oct. 20		Sept. 5 Sept. 30			Aug. 1 Sept. 30
MINN.	All Year		Sept. 10 Oct. 30							
MISSOURI					May 1 June 15				Aug. 15 Feb. 1	Aug. 10 Oct. 20
NEBR.			Oct. 1 Dec. 1							Aug. 10 Oct. 1
N. J.			Oct. 1 Nov. 1		Apr. 1-May 31 Oct. 20-Nov. 30		Oct. 1 Nov. 15		Sept. 15 Nov. 15	July 15 Oct. 15
NEW YORK			Sept. 20 Nov. 15	May 20 June 30	June 5-June 20 Sept. 25-Oct. 10		Sept. 15 Nov. 1	Sept. 1 Oct. 1		Aug. 5 Oct. 5
NORTH CAROLINA	All Year	Aug. 10 Sept. 30							Sept. 1 Dec. 31	July 10 Sept. 1
OHIO			Sept. 10 Nov. 20							Aug. 1 Oct. 1
OKLA.					Feb. 20-May 30 Oct. 15-Dec. 31					Aug. 1-Oct. 20
OREGON	All Year		Oct. 1 Nov. 30	May 1 June 10			Oct. 10 Nov. 10			Aug. 15 Oct. 1
PA.								Aug. 20 Sept. 15		Aug. 5 Oct. 5
SOUTH CAROLINA										June 30 Aug. 15
TENN.		Aug. 15 Nov. 15	Sept. 15 Nov. 15		Mar. 1-June 1 Sept. 15-Oct. 10			Aug. 10 Sept. 10	Sept. 1 Dec. 1	Apr. 25-June 1 Sept. 15-Oct. 10
TEXAS					Nov. 10 Mar. 20				Oct. 1 Feb. 1	May 15-June 20 Dec. 1-Jan. 15
UTAH			Oct. 1 Nov. 15				Oct. 1 Nov. 15			Aug. 15 Oct. 15
VIRGINIA					Apr. 1-May 25 Oct. 25-Nov. 30				Sept. 1 Dec. 15	July 15 Sept. 15
WASH.	All Year		Oct. 1 Nov. 30	May 1 June 10	Sept. 1 Oct. 15		Oct. 10 Nov. 10			Aug. 15 Oct. 1
WEST VIRGINIA										Aug. 1 Sept. 30
WISC.	All Year		Sept. 10 Nov. 20	May 10 May 30	June 1-June 20		Sept. 10 Nov. 20			Aug. 10 Oct. 10
ONTARIO, CANADA			Oct. 1 Nov. 15	May 25 June 30	May 25-June 20 Sept. 20-Oct. 18					Aug. 10 Oct. 15
QUEBEC, CANADA			Oct. 1 Oct. 15							Aug. 15 Oct. 10
VANCR., B. C.			Oct. 1 Nov. 30	June 1 July 30						Aug. 1 Oct. 15